

حمل الآن

مجاناً وحصرياً

المراجعة رقم (1)

اختبار شهر ابريل



Cumulative Assessment

13

Till lessons (8 & 9) unit 10

1. Complete.

a. $0.22 =$ _____ Hundredths

c. $3.7 =$ _____ [as a mixed number]

e. Three and twenty-two hundredths = _____ [as a decimal number]

f. The value of the digit 7 in the number 3.74 is _____

b. $2\frac{1}{11} + 1\frac{2}{11} =$ _____

d. $4 \times \frac{1}{5} =$ _____

2. Choose the correct answer.

a. 5.03 ☐ $5 + 0.3$

A. $>$ B. $<$ C. $=$

b. 2.4 ☐ 24 Tenths

A. $>$ B. $<$ C. $=$

c. $0.3 >$ _____

A. 0.30

B. 0.25

C. 0.52

D. 0.7

d. $3 + \frac{1}{5} + 1 + \frac{3}{5} =$ _____

A. $31\frac{4}{5}$ B. $4\frac{4}{10}$ C. $4\frac{4}{5}$ D. $31\frac{13}{5}$

e. $5\frac{7}{11} - 3\frac{5}{11} =$ _____

A. $8\frac{2}{11}$ B. $2\frac{2}{11}$ C. $8\frac{12}{22}$ D. $2\frac{12}{11}$

f. 2 Ones and 3 Tenths = _____

A. 3.2

B. 0.23

C. 0.32

D. 2.3

3. A rectangle of length $7\frac{1}{6}$ cm and width $2\frac{1}{6}$ cm. Calculate its perimeter.

4. Nermine ate 0.7 of her food. Her brother ate $\frac{3}{10}$ of his food, if they have the same amount of food. Who ate more?

Cumulative Assessment

14

Till lessons (10 & 11) unit 10

1. Find the result.

a. $2\frac{5}{10} + 3\frac{21}{100} =$

c. $2\frac{3}{5} + 7\frac{1}{5} =$

e. $5 - 4\frac{2}{5} =$

b. $\frac{2}{10} + \frac{21}{100} + 2\frac{5}{10} =$

d. $\frac{32}{100} + \frac{24}{100} + \frac{7}{10} =$

f. $2 + 1\frac{1}{7} + 3 + 4\frac{4}{7} =$

2. Complete.

a. $\frac{40}{100} = \frac{\quad}{10}$

c. $\frac{9}{\quad} = 1$

e. $8\frac{7}{9} - \quad = 2\frac{1}{9}$

b. $7.27 = \quad$ [in word form]

d. $2 - \frac{1}{3} =$

f. $9 + 0.07 + 0.8 =$

g. The place value of the digit 7 in the number 13.57 is $\quad$

3. Choose the correct answer.

a. $\frac{7}{10} + \frac{2}{10} = \frac{\quad}{100}$

A. 9

B. 90

C. 5

D. 50

b. $\frac{3}{10} + \frac{7}{10} =$

A. $\frac{10}{100}$ B. $\frac{1}{10}$

C. 10

D. 1

c. $\frac{7}{8} > \quad$

A. $\frac{8}{8}$ B. $\frac{1}{2}$ C. $1\frac{1}{4}$ D. $\frac{7}{6}$

d. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$

A. $\frac{5}{8}$ B. $\frac{5}{40}$ C. $\frac{6}{8}$ D. $\frac{1}{40}$

e. $\frac{5}{10} + \frac{3}{100} = \frac{\quad}{100}$

A. 35

B. 53

C. 503

D. 305

f. Seventeen tenths = $\quad$ [as a decimal]

A. 0.17

B. 1.7

C. 7.1

D. $1\frac{7}{10}$

4. Amany has $\frac{7}{10}$ meter of cloth, she went to a shop and bought $\frac{35}{100}$ meter of cloth. How many meters of cloth has Amany now?

1. Choose the correct answer.

a. The opposite graph shows a _____

- A. pictograph.
- B. line plot.
- C. bar graph.
- D. double bar graph.

b. $\frac{3}{100} =$ _____

- A. 0.3
- B. 0.03
- C. 3
- D. 30

c. $3\frac{1}{3} + 1\frac{1}{3} =$ _____

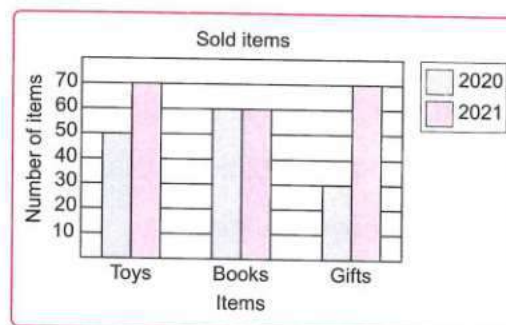
- A. $4\frac{2}{3}$
- B. $4\frac{2}{6}$
- C. $2\frac{2}{6}$
- D. $2\frac{2}{3}$

d. $\frac{7}{9}$ _____ 1

- A. >
- B. <
- C. =

e. Five and one hundredths = _____

- A. 5.1
- B. 51
- C. 5.01
- D. $5\frac{1}{10}$



2. Complete.

a. From the opposite double bar graph :

The difference of the number of boys between vanilla and chocolate is _____ boys.

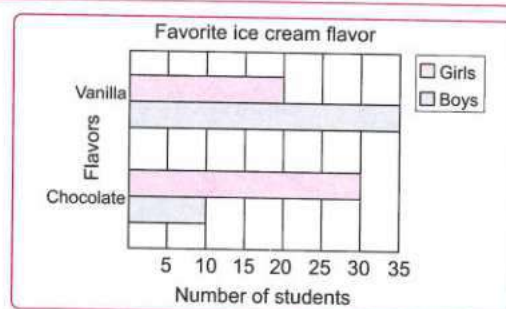
b. $1 - \frac{5}{7} =$ _____

d. $7 \times \frac{1}{8} =$ _____

f. The place value of the digit 3 in the number 5.13 is _____

g. $\frac{14}{100} =$ _____ [as a decimal]

h. $5\frac{3}{4} =$ _____ [as an improper fraction]

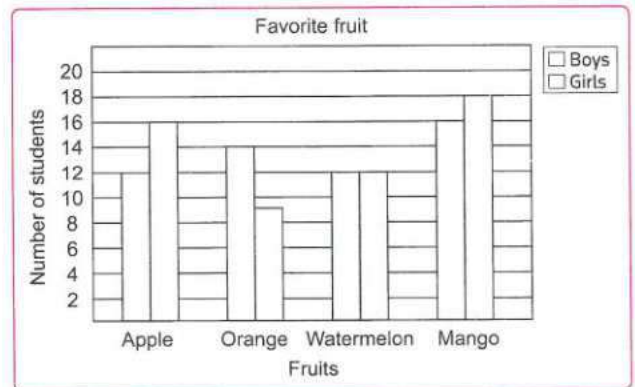


c. $\frac{6}{10}$ is equivalent to $\frac{\quad}{100}$

e. $3 + \frac{1}{5} + 2 + \frac{3}{5} =$ _____

3. The following data shows the favorite fruit between boys and girls. Observe the double bar graph, then answer the questions.

- How many boys liked orange ?
- How many girls liked apple ?
- Which fruit is liked the most by boys ?
- Which fruit is liked the least by girls ?
- Which fruit shows the same number of boys and girls ?
- What is the total number of boys and girls liked orange ?
- How many more girls liked mango than watermelon ?



4. Find the result of each of the following.

a. $2\frac{1}{3} + 1\frac{2}{3} =$ _____

b. $2 - 1\frac{4}{5} =$ _____

c. $5 \times \frac{1}{7} =$ _____

d. $1 - \frac{1}{7} - \frac{2}{7} =$ _____

e. $\frac{1}{9} + \frac{2}{9} + \frac{3}{9} =$ _____

f. $5\frac{7}{8} - 3\frac{5}{8} =$ _____

5. Arrange in an ascending order.

a. $\frac{7}{9}$, $\frac{5}{9}$, $\frac{4}{9}$, $\frac{6}{9}$, $\frac{2}{9}$

b. $\frac{3}{11}$, $\frac{3}{7}$, $\frac{3}{5}$, $\frac{3}{8}$, $\frac{3}{10}$

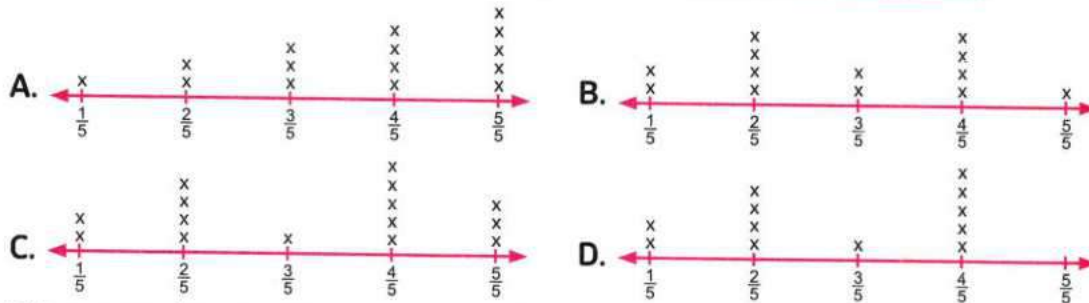
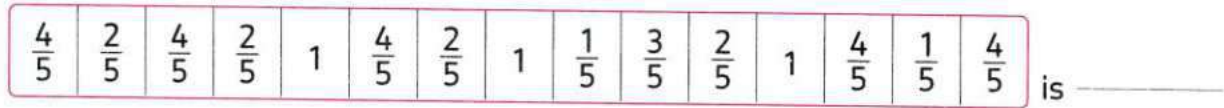
Cumulative Assessment

16

Till lessons (2 & 3) unit 11

1. Choose the correct answer.

a. The line plot which shows the following data



b. Fifty-seven hundredths in standard form is _____

- A. 5.7 B. 0.57 C. 57 D. 0.75

c. $\frac{8}{10} = \frac{4}{\quad}$

- A. 20 B. 10 C. 5 D. 2

d. $0 \bigcirc \frac{2}{7}$

- A. > B. < C. =

e. Which of the following fractions is less than $\frac{1}{2}$?

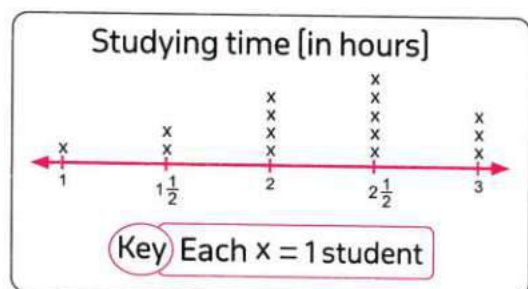
- A. $\frac{7}{7}$ B. $\frac{9}{10}$ C. $\frac{1}{4}$ D. $\frac{4}{8}$

f. The model which represents $\frac{5}{6}$ is _____

- A.
- B.
- C.
- D.

2. Complete.

a. From the opposite line plot:
The number of students
who studied 2 hours or
more is _____ students.



b. $\frac{34}{100} + \frac{4}{10} =$ _____

d. $\frac{7}{8} = \frac{1}{8} + \frac{3}{8} +$ _____

f. $\frac{19}{5} =$ _____ [as a mixed number]

h. The value of the digit 6 in the number 2.16 is _____

i. $5\frac{3}{4} =$ _____ [as an improper fraction]

c. 70 tenths = _____

e. $\frac{3}{5} = \frac{\quad}{15}$

g. $\frac{38}{100} =$ _____ [as a decimal]

3. Find the result.

a. $2 - \frac{3}{7} - \frac{4}{7} =$ _____

c. $3\frac{1}{4} - 2\frac{3}{4} =$ _____

b. $2\frac{1}{5} + 1\frac{3}{5} =$ _____

d. $1 + 2\frac{1}{7} + 3\frac{4}{7} =$ _____

4. Arrange in a descending order.

a. $\frac{3}{7}$, $\frac{5}{7}$, $\frac{1}{7}$, $\frac{6}{7}$, $\frac{2}{7}$

b. $\frac{2}{5}$, $\frac{2}{7}$, $\frac{2}{3}$, $\frac{2}{10}$, $\frac{2}{6}$

5. The following data shows the jump distances for 5 students (in meters) in two rounds.

Name Rounds	Noura	Maged	Sama	Youssef	Ramy
1 st Round	$\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{1}{2}$
2 nd Round	$\frac{3}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{4}$	1

Represent these data , then answer the questions.

a. Which student jumped the highest distance in the first round ?

b. Which student jumped the highest distance in the second round ?

c. Which student jumped less distance in the second round than the first round ?

d. What is the difference between Youssef's jump distances in the two rounds ?

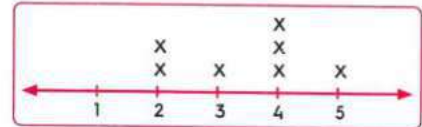
General Revision

On Unit 11

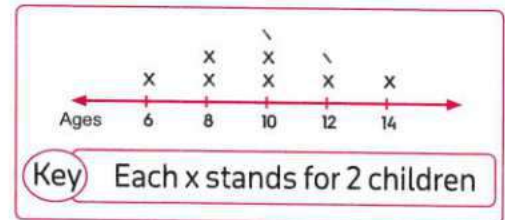
1. Complete.

1. Representing data by _____ is the suitable to compare between two sets on the same graph. [Cairo 23]

2. The most occurred number in the opposite line plot is _____. [Cairo 23]

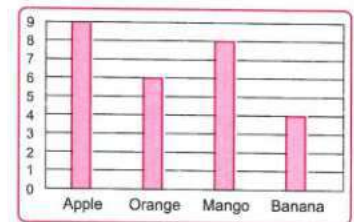


3. By using the opposite line plot, the number of children whose ages are 10 years old is _____. [Aswan 23]



4. Complete the table using the opposite bar graph :

Fruit	Apple	Orange	Mango	Banana
Number of students	—	—	—	—



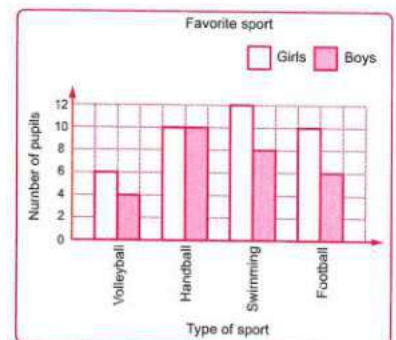
[Giza 25]

5. By using the opposite graph :

a. How many boys prefer swimming ?

b. How many girls prefer volleyball ?

[Kafr El-Sheikh 23 , Cairo 23]



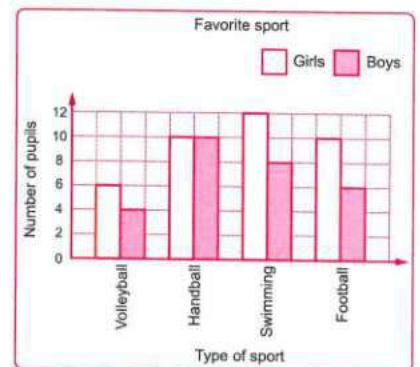
6. By using the opposite graph , answer the following questions :

a. Complete the table.

Sport \ Pupils	Volleyball	Handball	Swimming	Football
Boys	4	—	—	—
Girls	—	—	—	10

b. How many boys prefer swimming ?

c. How many girls prefer volleyball ?



[Port Said 23]

7. The opposite table represent the favorite color of some students :

a. What is the most favourite color ?

b. What is the number of student who liked red and white ?

The favourite color	
Color	Number
Red	12
Yellow	18
Black	4
White	11
Green	9

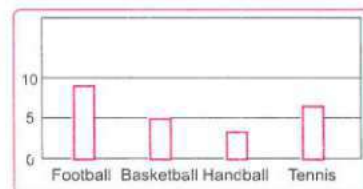
[Ismailia 23]

2. Choose the correct answer.

1. The opposite figures shows

[Giza 25]

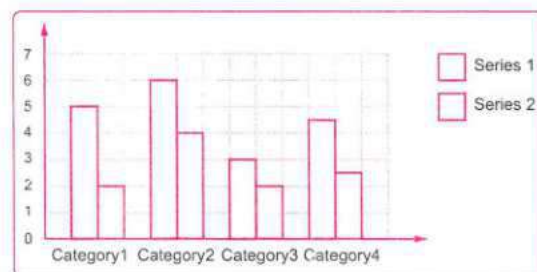
- A. pictograph.
- B. bar graph.
- C. line plot.
- D. double bar graph.



2. The opposite graph shows a

[Luxor 23]

- A. line plot
- B. bar graph
- C. pie chart
- D. double bar graph



3. Which type of graphs is suitable for the opposite data ?

[Cairo 25]

- A. A line plot
- B. A double bar graph
- C. A bar graph
- D. A pictograph

Name	Sara	Ali	Ola
Age	12	15	17

4. To compare between maximum and minimum temperature , we use a

[El-Beheira 23]

- A. picture representation
- B. bar graph
- C. line plot graph
- D. double bar graph

5. To compare between rainfall in the desert of Africa in the years 2020 and 2022 , we use a

[Port Said 23]

- A. picture representation
- B. bar graph
- C. line plot graph
- D. double bar graph

6. To compare between marks of Hani and Nada , we use a

[El-Menia 23]

- A. picture representation
- B. bar graph
- C. line plot graph
- D. double bar graph

7. Data can be represented by _____

[Alex. 23]

- A. bars B. measure angle C. triangle drawing D. otherwise

8. The vertical and the horizontal rays on the graph are called _____

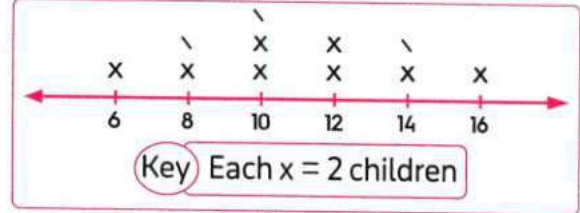
[Alex. 23]

- A. labels B. key C. axes D. title

9. By using the opposite line plot, the number of children whose ages 10 years old is _____

[Souhag 23]

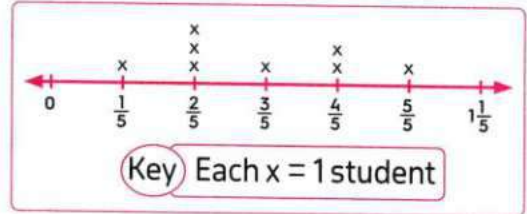
- A. 22 B. 5
C. 3 D. 15



10. From the opposite graph : [El-Kalyoubia 25]

How many students jumped $\frac{3}{5}$ meter or more ?

- A. 3 B. 4
C. 5 D. 8



11. From the following graph :

a. Which grade has the same number of students who like fruits and vegetable ? [Assiut 23]

- A. Primary 2 B. Primary 3
C. Primary 4 D. Primary 5

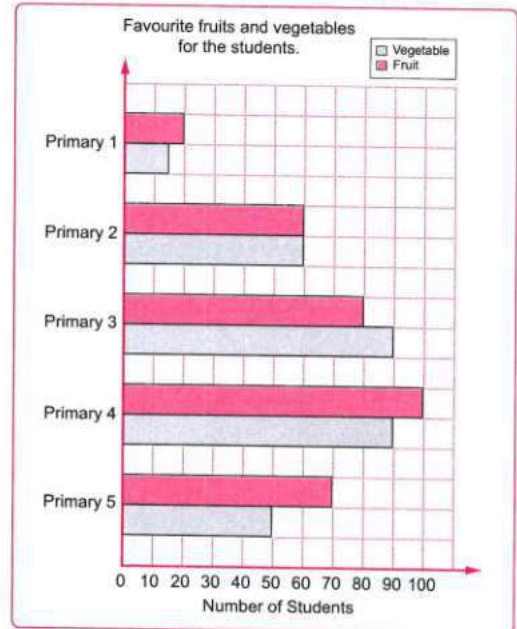
b. What is the total number of the students who like vegetables and fruits in grade 4 ?

- A. 30 B. 120
C. 170 D. 190

c. Which grade likes vegetables more than fruits ?

[Assiut 23 , Port Said 23]

- A. Primary 1 B. Primary 2
C. Primary 3 D. Primary 4



12. To show types of pets that some people have at home , we don't use _____

[Cairo 23]

- A. a line plot B. a bar graph
C. a double bar graph D. a pictograph

13. To put things together have the same property , we use _____

[Cairo 23]

- A. a line plot B. a bar graph
C. a double bar graph D. a Venn diagram

14. Which of the following can be represented by a double bar graph ?

[Cairo 23]

- A. Favorite animals. B. Marks of friends in Math.
C. Marks of friends in Math and Arabic. D. Our heights.

15. The following table can be represented by _____

[Cairo 23]

- A. a line plot
B. a bar graph
C. a double bar graph

Subject	Arabic	English	Math	Science
Bassem	30	35	39	33
Mona	25	40	37	38

16. A double bar graph is used to display _____ of data on a graph.

[Cairo 23]

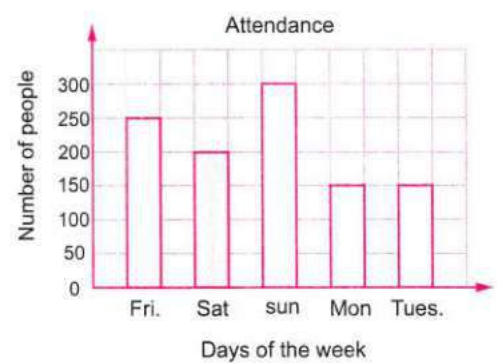
- A. 1 group B. 2 groups C. 3 groups D. 4 groups

3. Answer each of the following.

1. By using the opposite bar graph ,
answer the following :

a. Which day has the greatest number of people ?

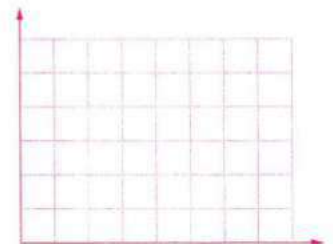
b. How many attendant people on saturday ?



[El-Beheira 25]

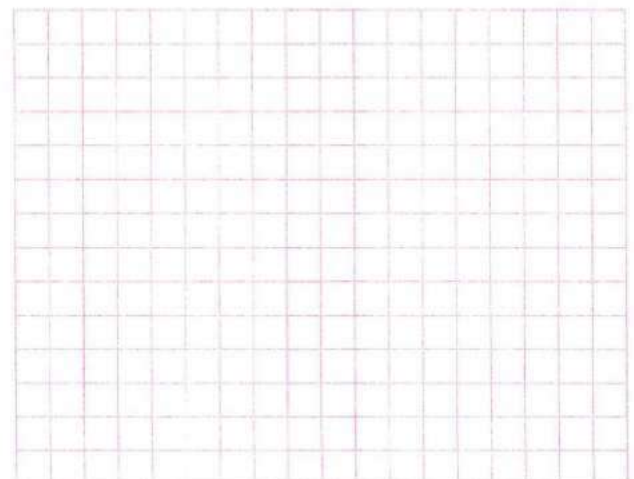
2. The following table shows number of liters Nour drank during
some days of the week. Represent data by a bar graph. [Alex. 23]

Days	Saturday	Sunday	Monday
Liters	$1\frac{1}{2}$	2	3



3. Represent the following data by bars :

Student	Distance in meters
Tahani	$\frac{3}{4}$
Salah	$2\frac{1}{4}$
Ziad	$\frac{1}{2}$
Waleed	$1\frac{1}{2}$



[Cairo 23]

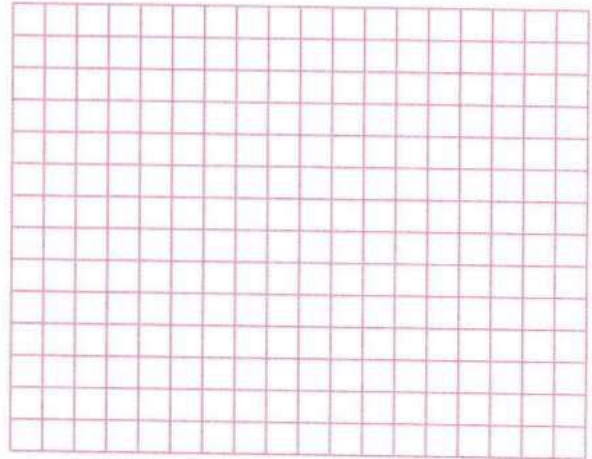
4. Use the following data to make a line plot.

$5\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$4\frac{1}{2}$	$6\frac{1}{2}$	$5\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
4	3	5	$5\frac{1}{2}$	$3\frac{1}{2}$	4	6	6	4	5



5. Giovanni made a table to show the marks for two teams, the goldenrods, and the opponents team in the first three exams. What type of graph would be most appropriate for Giovanni to use to display these data? Explain.

Marks Scored in Each Exam			
Team	Exam 1	Exam 2	Exam 3
Goldenrods	$30\frac{1}{2}$	$31\frac{1}{4}$	$31\frac{1}{2}$
Opponents	$32\frac{1}{4}$	$30\frac{1}{2}$	$31\frac{1}{4}$



Represent these data by this type of graph, then answer the following questions.

a. Which team has got the highest score in Exam 3?

b. Which team has got the lowest score in Exam 1?

c. What is the difference between the highest and lowest score in Exam 2?

d. What is the sum of the highest and lowest score in Exam 3?

Cumulative Assessment

17

Till lessons (1 & 2) unit 12

1. Choose the correct answer.

a. The name of the opposite figure is _____

A. $\overleftrightarrow{AB}$

B. $\overline{AB}$

C. $\overrightarrow{BA}$

D. $\overleftrightarrow{AB}$



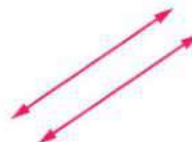
b. The opposite two line are _____

A. intersecting

B. parallel

C. perpendicular

D. intersecting and not perpendicular



c. $7\frac{1}{3} =$ _____ [as an improper fraction].

A. $\frac{22}{3}$

B. $\frac{21}{3}$

C. $\frac{71}{3}$

D. $\frac{15}{3}$

d. $\frac{3}{7}$ $\frac{3}{5}$

A. $>$

B. $<$

C. $=$

e. $3\frac{2}{10} = 3\frac{\quad}{100}$

A. 2,000

B. 200

C. 20

D. 2

f. 3.2 = _____ tenths.

A. 3.2

B. 320

C. 302

D. 32

2. Complete.

a. The name of is a _____

b. The two lines are _____

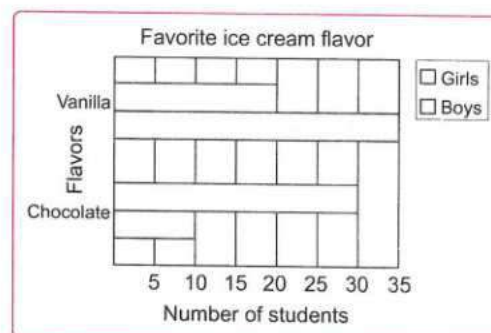
c. $7 \times \frac{1}{9} =$ _____

d. $\frac{2}{10} + \frac{31}{100} =$ _____

e. From the opposite double bar graph :

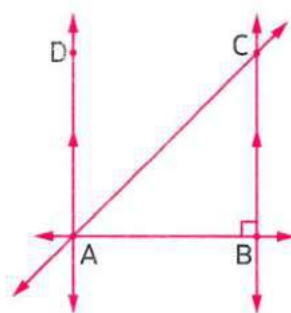
The sum of the number of

boys in vanilla and chocolate is _____



3. In the shape at the right, identify :

- A pair of parallel lines.
- A pair of perpendicular lines.
- A pair of intersecting lines.



4. a. Draw $\overleftrightarrow{XY}$ is parallel to $\overleftrightarrow{AB}$.



b. Draw $\overleftrightarrow{LM}$ is perpendicular to $\overleftrightarrow{EF}$.



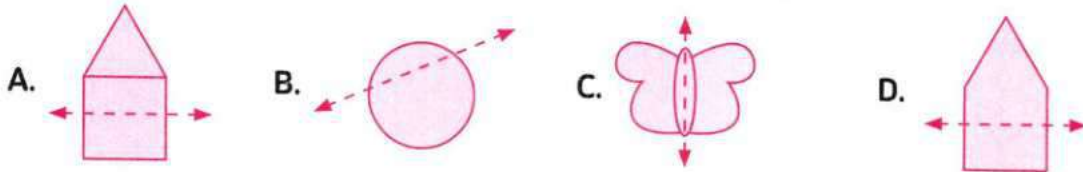
Cumulative Assessment

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Till lessons (3 & 4) unit 12

1. Choose the correct answer.

a. Which of the following figures shows a line of symmetry?



b. All the following figures show a line of symmetry except _____



c. All the following figures has one line of symmetry except _____ has more than one line of symmetry.



d. All perpendicular lines also _____

- A. parallel B. intersecting C. not intersecting D. not perpendicular

e. $3\frac{4}{10}$ is equivalent to _____

- A. $3\frac{40}{10}$ B. $3\frac{4}{100}$ C. $3\frac{40}{100}$ D. 3.04

f. $\frac{5}{6} = \frac{1}{6} + \frac{2}{6} +$ _____

- A. $\frac{1}{6}$ B. $\frac{2}{6}$ C. $\frac{3}{6}$ D. $\frac{4}{6}$

2. Complete.

a. $3 \times \frac{1}{5} =$ _____

b. $3\frac{2}{7} + 1\frac{3}{7} =$ _____

c. $1 - \frac{4}{5} =$ _____

d. $2\frac{4}{5} =$ _____ [as an improper fraction]

e. The place value of the digit 5 in the number 3.25 is _____

f. The word form of 30.03 is _____

3. Find.

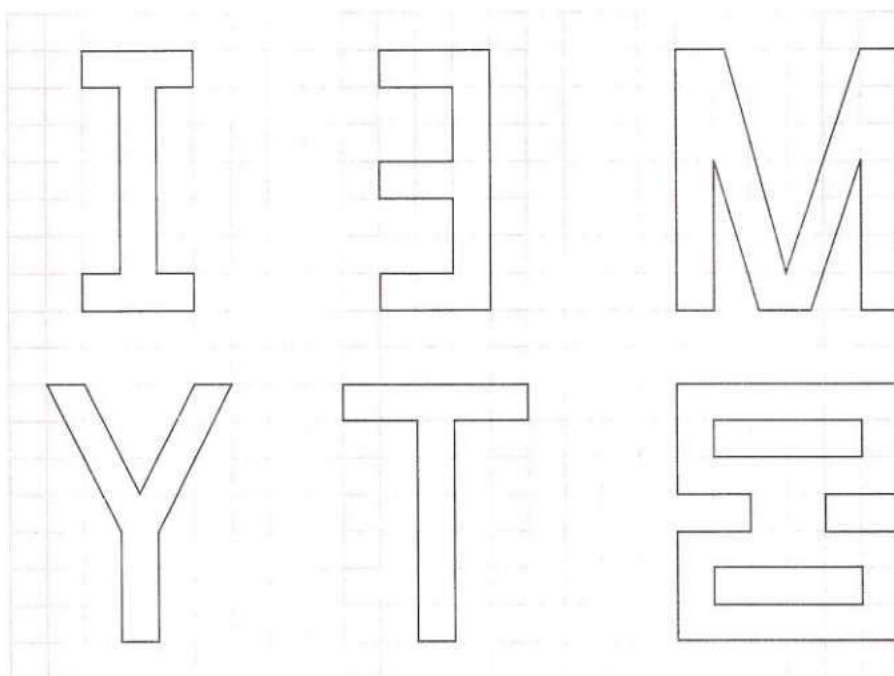
a. $5 + 1\frac{1}{5} + 2\frac{2}{5} + 2 =$ _____

b. $2 - \frac{1}{5} - \frac{1}{5} =$ _____

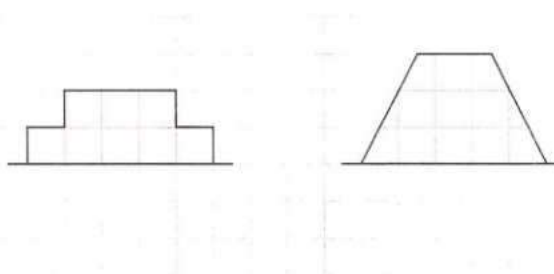
c. $7\frac{5}{9} - 5\frac{4}{9} =$ _____

d. $5\frac{4}{10} + 3\frac{1}{10} =$ _____

4. Draw a line of symmetry in each of the following figures.



5. In each picture, you can see half of the shape and the line of symmetry. Draw the rest of each shape.

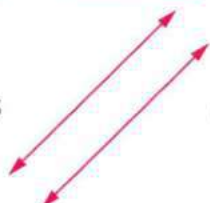


Cumulative Assessment

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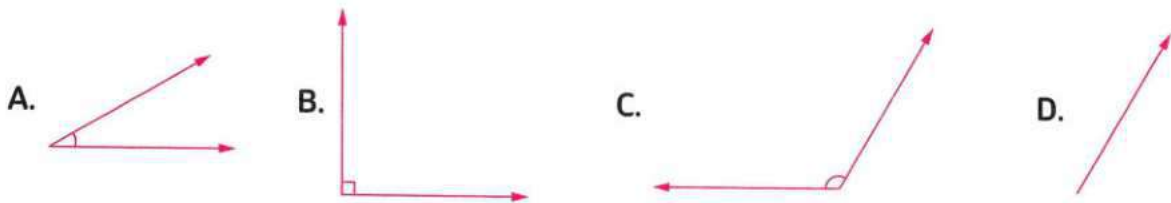
Till lessons (5 & 6) unit 12

1. Complete.

- a. An _____ angle is less than a right angle.
- b. An _____ angle is greater than a right angle.
- c. The name of _____ is a _____
- d. The two lines  are _____
- e. $\frac{5}{7} = \frac{2}{7} + \frac{\quad}{\quad}$
- f. $2\frac{1}{7} = \frac{\quad}{\quad}$ [as an improper fraction]

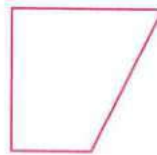
2. Choose the correct answer.

- a. Which figure shows a right angle?



- b. How many obtuse angles are there in the opposite figure?

- A. 0 B. 1
C. 2 D. 3



- c.
- $5 \times \frac{1}{7} = \frac{\quad}{\quad}$

- A. $\frac{5}{7}$ B. $5\frac{1}{7}$ C. $\frac{15}{7}$ D. $1 + \frac{5}{7}$

- d. 5.17 = _____ hundredths.

- A. 51.7 B. 0.517 C. 517 D. 5170

- e.
- $\frac{2}{7}$
- 
- $\frac{6}{7}$

- A. > B. < C. =

- f.
- $\frac{3}{10} + \frac{1}{100} = \frac{\quad}{\quad}$

- A. $1\frac{3}{10}$ B. $3\frac{1}{100}$ C. $\frac{31}{10}$ D. $\frac{31}{100}$

3. Find the result of each of the following.

a. $2\frac{1}{5} + 1\frac{2}{5} = \underline{\hspace{2cm}}$

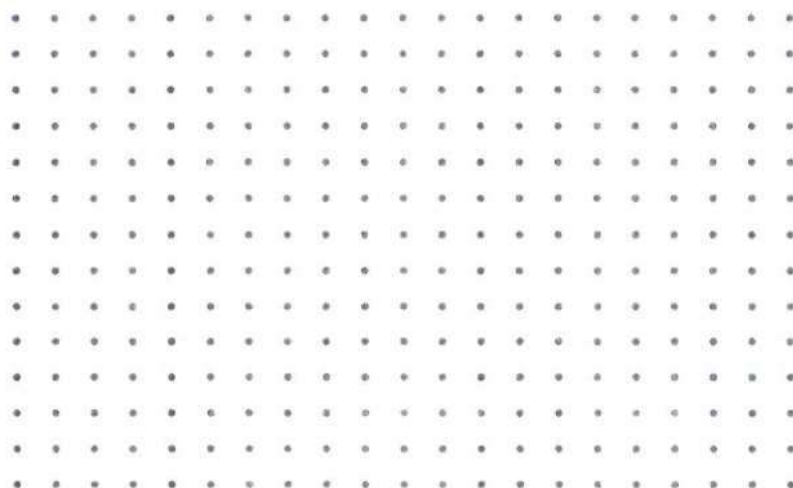
b. $7\frac{9}{13} - 5\frac{5}{13} = \underline{\hspace{2cm}}$

c. $5 \times \frac{1}{9} = \underline{\hspace{2cm}}$

d. $2 - \frac{4}{5} - \frac{3}{5} = \underline{\hspace{2cm}}$

4. Use a ruler to connect the dots to draw and label the following in the grid.

- a. An acute angle.
- b. An obtuse angle.
- c. A right angle.
- d. A right angle and an obtuse angle that share an endpoint.



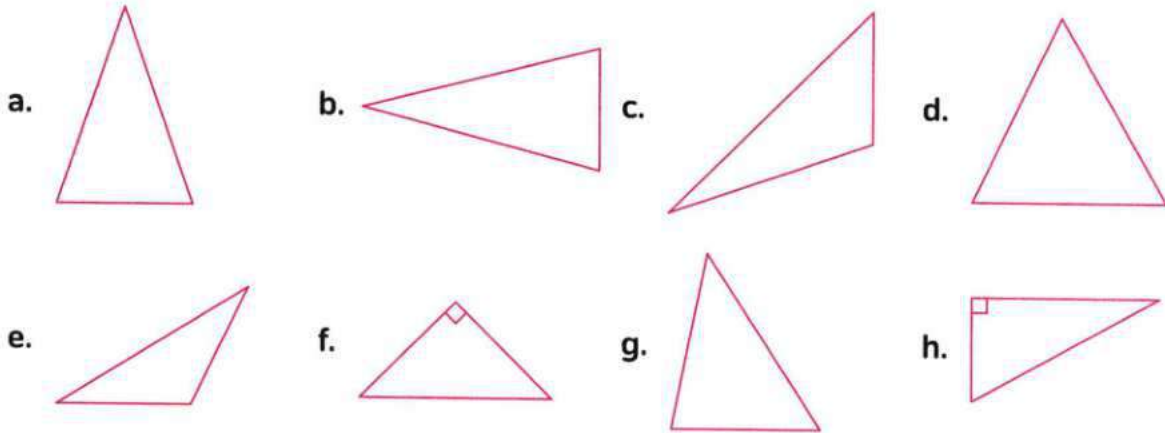
5. Draw a quadrilateral with two acute angles and two obtuse angles.

Cumulative Assessment

20

Till lessons (7 & 8) unit 12

1. Classify each triangle by its sides and angles.



2. Choose the correct answer.

a. All the obtuse triangles has _____ acute angle[s].

A. 0

B. 1

C. 2

D. 3

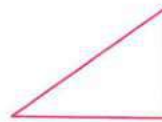
b. The opposite triangle is _____ triangle.

A. an acute

B. an obtuse

C. a right

D. an equilateral



c. The scalene triangle has _____ equal side[s].

A. 0

B. 1

C. 2

D. 3

d. The place value of the digit 4 in the number 3.14 is _____

A. Ones

B. Tens

C. Tenths

D. Hundredths

e. $\frac{30}{100} = \frac{\quad}{10}$

A. 3

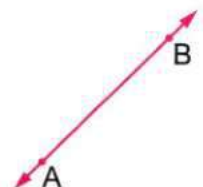
B. 30

C. 300

D. 3000

f. $\frac{34}{5} = \frac{\quad}{5}$ [as a mixed number]A. $30 \frac{4}{5}$ B. $7 \frac{1}{5}$ C. $6 \frac{4}{5}$ D. $6 \frac{2}{5}$

g. The opposite figure is named as _____

A. $\overrightarrow{AB}$ B. $\overline{AB}$ C. $\overleftrightarrow{AB}$ D. $\overrightarrow{BA}$ 

3. Complete.

a. The _____ triangle has three equal sides.

b. The _____ triangle has no equal sides.

c. The value of the digit 7 in the number 3.75 is _____.

d. $7 + \frac{3}{7} = \underline{\hspace{2cm}}$

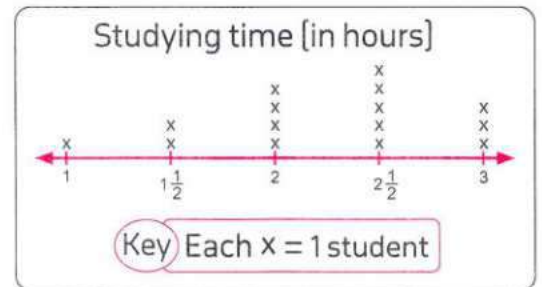
e. $1 - \frac{4}{5} = \underline{\hspace{2cm}}$

f. From the opposite line plot :

The number of students who study

$2\frac{1}{2}$ hours or more is _____

students.



4. Draw each of the following.

a. A triangle with an obtuse angle.

b. An isosceles triangle.

c. A right angle.

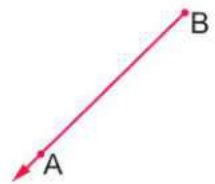
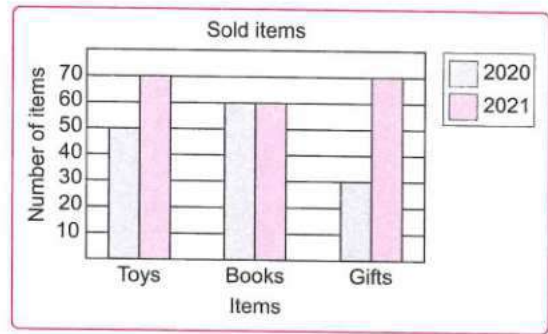
Cumulative Assessment

21

Till lesson (9) unit 12

1. Choose the correct answer.

- a. The quadrilateral that has equal sides with 4 right angles is a _____
 A. rectangle. B. square. C. trapezium. D. rhombus.
- b. A parallelogram has _____
 A. 4 right angles. B. 4 equal sides.
 C. 1 pair of parallel sides. D. 2 pairs of parallel sides.
- c. A _____ has a variety of measuring angles with only one pair of parallel sides.
 A. parallelogram B. rhombus C. trapezium D. square
- d. The opposite graph shows a _____
 A. pictograph.
 B. line plot.
 C. bar graph.
 D. double bar graph.
- e. $\frac{7}{100} =$ _____
 A. 0.7 B. 0.07 C. 0.70 D. 7
- f. Two and two hundredths = _____
 A. 2.2 B. 202 C. 2.02 D. 2.20
- g. The opposite figure is named as _____
 A. $\overleftrightarrow{BA}$ B. $\overleftrightarrow{AB}$
 C. $\overleftrightarrow{BA}$ D. $\overleftrightarrow{BA}$
- h. The equilateral triangle has _____ equal side[s].
 A. 0 B. 1 C. 2 D. 3



2. Complete.

- a. The square has _____ right angles.
- b. The rhombus has _____ equal sides.
- c. $30 + 4 + 0.1 + 0.07 =$ _____
- d. $\frac{2}{3} = \frac{\quad}{15}$
- e. 7.1 = _____ tenths.
- f. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} =$ _____

3. Find the result.

a. $3\frac{7}{8} - 2\frac{5}{8}$

c. $2 - \frac{1}{3} - \frac{1}{3}$

b. $2\frac{3}{4} + 3\frac{1}{4}$

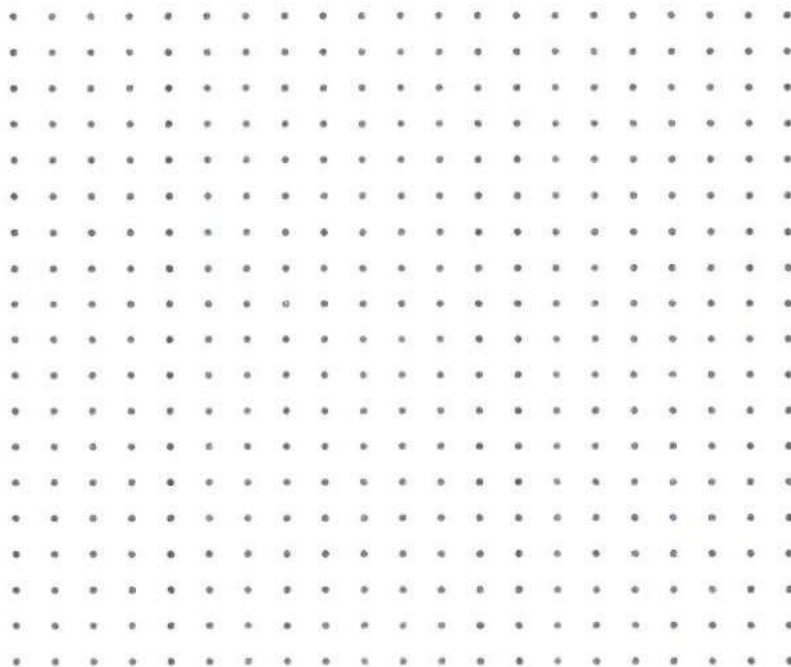
d. $5 + 1\frac{1}{3} + 2 + 2\frac{1}{3}$

4. Use your ruler to connect the dots to draw.

a. An obtuse angle.

b. A right triangle.

c. A trapezoid.



General Revision

On Unit 12

1. Complete.

1. The opposite figure is named as _____



[Port Said 23]

2. The name of  is _____

[Alex. 23]

3. The two lines  are _____

[El-Menia 23]

4. The following two lines are _____ lines.



[Luxor 23]

5. The two lines which never intersect must be _____

[Cairo 23]

6. Number of points of intersection of two parallel lines = _____

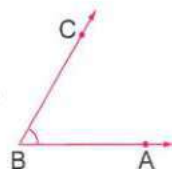
[Cairo 23]

7. The opposite figure represents _____ angle.



[Luxor 23]

8. The opposite figure shows _____ angle.



[Alex. 23]

9. The opposite angle is _____ angle.



[Port Said 23]

10. The measure of _____ angle is less than the measure of a right angle.

[Giza 23]

11. The triangle with equal sides is called _____ triangle.

[El-Menia 23]

12. Any triangle has at least _____ acute angles.

[Cairo 23]

13. The _____ triangle has three equal sides.

[Alex. 23 , El-Beheira 23]

14. A triangle whose side lengths are 8 cm , 8 cm and _____ cm is an equilateral triangle.

[Cairo 23]

15. The opposite figure is _____ triangle according to its angles.



[Cairo 23]

16. All of the following , , ,  are quadrilateral except _____

[Assiut 23]

17. The square has _____ right angles.

[El-Monofia 23]

18. The number of the right angles in the figure  = _____

[Giza 23]

19. The rectangle has _____ right angles.

[Luxor 23]

20. _____ has only one pair of parallel sides.

[El-Menia 23]

2. Choose the correct answer.

1. The opposite figure called a _____

- A. straight line B. ray C. line segment D. point

[Giza 25]

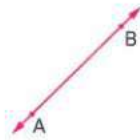
2. The opposite figure named as _____ 

- A. $\overline{AC}$ B. $\overleftrightarrow{AC}$ C. $\overrightarrow{AC}$ D. $\overleftarrow{CA}$

[Kafr El-Sheikh 23]

3. The name of the opposite figure is _____

- A. $\overline{AB}$ B. $\overleftrightarrow{AB}$
C. $\overrightarrow{AB}$ D. $\overleftarrow{BA}$



[Luxor 23]

4. The two opposite lines are _____ 

- A. parallel. B. intersecting.
C. perpendicular. D. otherwise.

[El-sharkia 25]

5. Which lines show two perpendicular lines?

[El-Beheira 23]



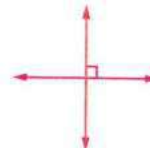
A.



B.



C.



D.

6. The two parallel lines intersect at _____ point[s]?

[El-Monofia 25, Ismailia 25]

- A. 0 B. 1 C. 2

D. 3

7. The opposite figure represents _____ lines.

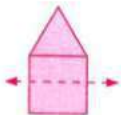
- A. intersecting B. perpendicular
C. parallel D. otherwise



[Cairo 23]

8. Which of the following figures show a line of symmetry?

[Alex. 23]



A.



B.



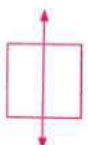
C.



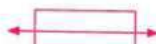
D.

9. All the following figure show a line of symmetry except _____

[Cairo 23]



A.



B.



C.



D.

10. _____ angle is less than right angle in measure.

[Giza 23]

- A. An acute B. An obtuse C. A straight D. A right

- D. 1

22. All angles in the equilateral triangle are _____. [Giza 23]
 A. right B. acute C. obtuse D. straight
23. The polygon which has 5 sides is called _____. [El-Kalyoubia 25]
 A. a quadrilateral B. a pentagon C. a hexagon D. an octagon
24. The quadrilateral which has four right angles and four equal sides is _____. [Giza 23]
 A. a rhombus B. a square C. a rectangle D. a triangle
25. The square has _____ right angle[s]. [El-Beheira 23]
 A. 1 B. 2 C. 3 D. 4
26. The _____ is a parallelogram with 4 right angles. [El-Monofia 23]
 A. rectangle B. rhombus C. square D. trapezium
27. The parallelogram which has 4 equal sides is a _____. [Alex. 23]
 A. trapezium B. rectangle C. triangle D. rhombus
28. A _____ is a quadrilateral with one pair of parallel sides and the sides aren't equal. [El-Monofia 23]
 A. trapezium B. rectangle C. square D. rhombus
29. The rhombus has _____ equal side[s]. [Kafr El-Sheikh 23]
 A. 1 B. 2 C. 3 D. 4

3. Answer each of the following.

1. Draw the straight line $\overleftrightarrow{AB}$ is perpendicular to $\overline{XY}$



[Cairo 23]

2. Draw a line segment XY.

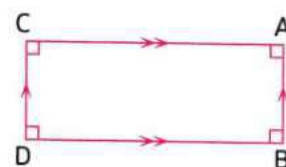
[Cairo 23]

3. Hala is making a design using a quadrilateral that has 4 equal sides and 4 right angles. What is Hala using? Draw the design.

4. From the opposite figure :

Identify :

- a. A pair of parallel line segments.



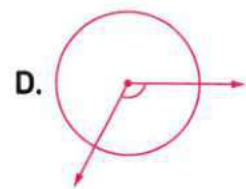
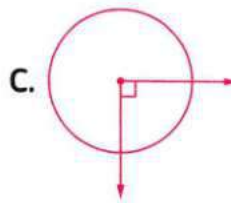
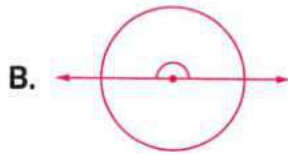
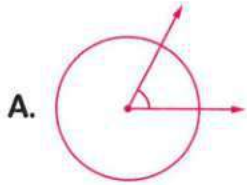
- b. A pair of perpendicular line segments.

1. Choose the correct answer.

a. _____ is the same point as 0° after one full rotation.

- A. 90° B. 180° C. 270° D. 360°

b. Which of the following figures shows a $\frac{1}{4}$ of a full rotation?

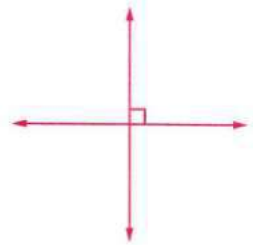


c. _____ is an obtuse angle.

- A. 70° B. 125° C. 90° D. 180°

d. The opposite two lines are _____

- A. parallel. B. intersecting and not perpendicular.
C. perpendicular. D. intersecting.



e. $5 + 0.02 + 0.1 =$ _____

- A. 5.21 B. 5.12 C. 12.5 D. 1.52

f. The isosceles triangle has _____ equal side[s].

- A. 0 B. 1 C. 2 D. 3

g. _____ angle is smaller than the right angle.

- A. A straight B. An obtuse C. A right D. An acute

h. $\frac{5}{7} = \frac{1}{7} + \frac{2}{7} +$ _____

- A. $\frac{1}{7}$ B. $\frac{2}{7}$ C. $\frac{3}{7}$ D. $\frac{4}{7}$

i. The place value of the digit 6 in the number 2.64 is _____

- A. Ones. B. Tenths. C. Hundredths. D. Tens.

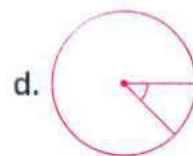
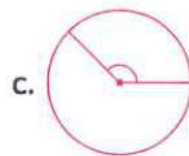
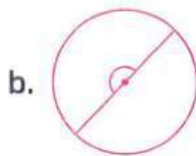
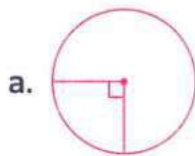
2. Complete.

a. 84° is classified as _____ angle.

b. An obtuse angle measured between _____ $^\circ$ and _____ $^\circ$.

- c. $\frac{1}{6}$ of a circle measured _____ $^{\circ}$.
- d. $7\frac{1}{3} = \text{_____}$ [as an improper fraction]
- e. Two hundred and fourteen hundredths = _____
- f. $7 - 3\frac{1}{2} = \text{_____}$
- g. $2 \times \frac{1}{5} = \text{_____}$

3. Classify each angle of the following.



4. Find.

a. $3 + 1\frac{1}{5} + 2 + 3\frac{2}{5}$

b. $3 + \frac{2}{7}$

c. $2 - \frac{1}{2} - \frac{1}{2}$

d. $10\frac{3}{10} - 7\frac{2}{10}$

5. Draw.

- a. A quadrilateral with 4 right angles and 4 equal sides.
- b. An acute triangle.
- c. An obtuse angle.

Cumulative Assessment

23

Till lesson 2 unit 13

1. Choose the correct answer.

a. The angle with measured 120° shows a fraction _____

A. $\frac{1}{3}$

B. $\frac{2}{3}$

C. $\frac{3}{4}$

D. $\frac{1}{2}$

b. The angle which represents the colored part equals _____

A. 30°

B. 60°

C. 90°

D. 120°

c. The fraction which shows the colored part equals _____

A. $\frac{1}{4}$

B. $\frac{1}{3}$

C. $\frac{1}{2}$

D. $\frac{1}{6}$

d. $1 =$ _____

A. $\frac{5}{7}$

B. $\frac{7}{7}$

C. $\frac{1}{2}$

D. $\frac{1}{10}$

e. $\frac{3}{7}$ is equivalent to _____

A. $\frac{6}{21}$

B. $\frac{9}{14}$

C. $\frac{9}{21}$

D. $\frac{9}{28}$

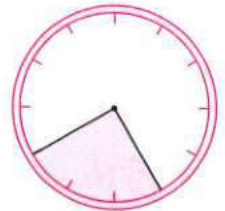
f. 7 Tenths is equivalent to _____

A. 0.70

B. $\frac{7}{100}$

C. 0.07

D. $\frac{77}{100}$



2. Complete.

a. $\frac{80}{100} = \frac{\quad}{10}$

b. $7\frac{7}{9} - \frac{\quad}{\quad} = 5\frac{5}{9}$

c. $10.3 =$ _____ Tenths.

d. 3 Ones and 5 Hundredths = _____

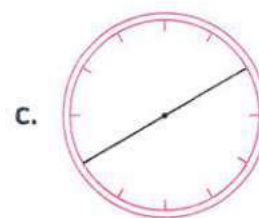
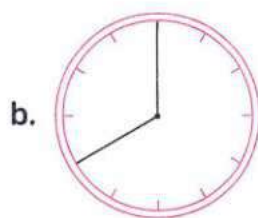
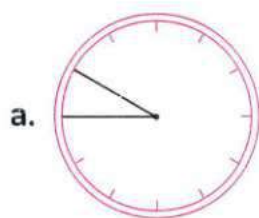
e. The numerator of the fraction $\frac{3}{7}$ is _____

f. $3 + 0.03 + 0.3 =$ _____

g. $\frac{2}{10} + \frac{7}{100} =$ _____

h. $3\frac{2}{5} =$ _____ [as an improper fraction]

3. Write the fraction of the clock colored and how many degrees of the clock that fraction represents.



4. Find.

a. $2\frac{3}{5} + 1\frac{1}{5}$

b. $9\frac{7}{11} - 5\frac{5}{11}$

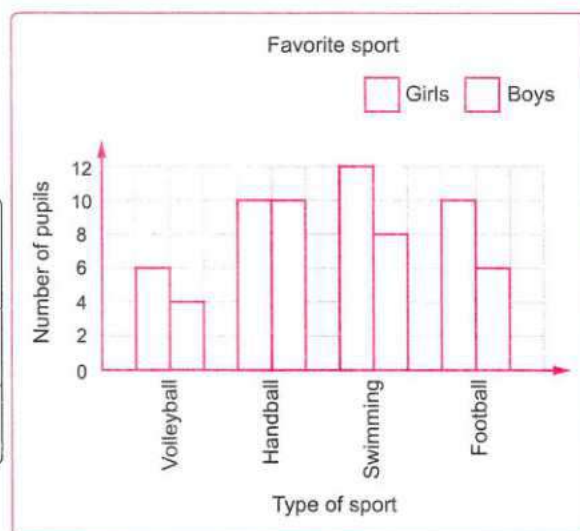
c. $3 - 1\frac{3}{4}$

d. $2\frac{1}{7} + 1 + 3\frac{2}{7} + 4$

5. By using the opposite graph :
Answer the following questions.

- a. Complete the table.

Sport Pupils	Volleyball	Handball	Swimming	Football
Boys	6			
Girls				6



- b. How many boys prefer swimming ?

- c. How many girls prefer volleyball ?

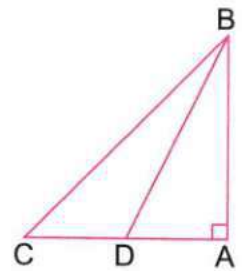
Cumulative Assessment

24

Till lessons (3 & 4) unit 13

1. In the opposite figure, name an acute angle, obtuse angle and right angle.

- a. Acute angle _____
 b. Obtuse angle _____
 c. Right angle _____



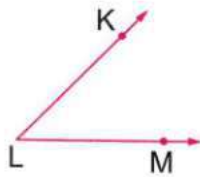
2. Write three different names for each angle.

a.

Name 1 : _____

Name 2 : _____

Name 3 : _____

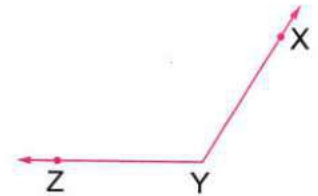


b.

Name 1 : _____

Name 2 : _____

Name 3 : _____



3. Complete.

a. $\frac{7}{7} = 1$

c. $3.5 =$ _____ Tenths.

e. $\frac{5}{15} = \frac{15}{\quad}$

b. $\frac{2}{5} \times \frac{3}{3} =$ _____

d. $\frac{23}{5} =$ _____ [as a mixed number]

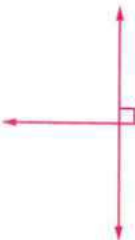
f. $4\frac{5}{7} +$ _____ $= 6\frac{5}{7}$

- g. There are _____ unit fractions that form seven eighths.

- h. The place value of the digit 5 in the number 3.75 is _____

- i. The name of _____ is a _____

- j. The two lines _____ are _____

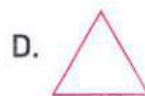
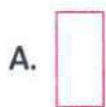


- k. An _____ angle is greater than a right angle and smaller than a straight angle.

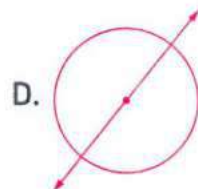
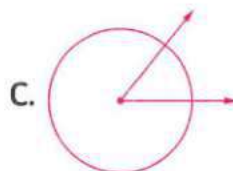
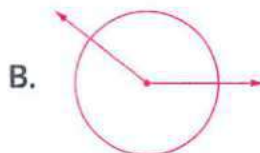
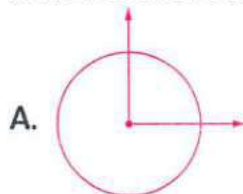
- l. The equilateral triangle has _____ equal sides.

4. Choose the correct answer.

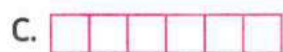
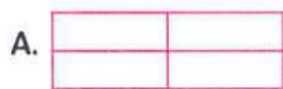
a. Which of the following figures has only one line of symmetry?



b. Which of the following figures shows a $\frac{1}{2}$ of a full rotation?



c. The model which represents $\frac{5}{6}$ is _____



d. In the number 31.45, which digit is in the Tenths place?

A. 3

B. 1

C. 4

D. 5

e. Which of the following sentences is wrong?

A. $\frac{1}{3} > \frac{1}{4}$

B. $\frac{1}{4} > \frac{1}{5}$

C. $\frac{1}{5} > \frac{1}{6}$

D. $\frac{1}{8} > \frac{1}{7}$

f. 0.08 = _____ Hundredths.

A. 80

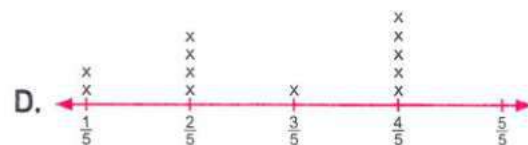
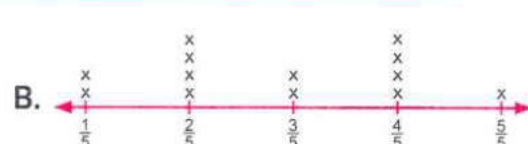
B. 0.8

C. 8

D. 800

g. The line plot which shows the following data

$\frac{4}{5}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{2}{5}$	1	$\frac{4}{5}$	$\frac{2}{5}$	1	$\frac{1}{5}$	$\frac{3}{5}$	$\frac{2}{5}$	1	$\frac{4}{5}$	$\frac{1}{5}$	$\frac{4}{5}$
---------------	---------------	---------------	---------------	---	---------------	---------------	---	---------------	---------------	---------------	---	---------------	---------------	---------------



April Tests

From lesson 1 unit 11 – to lesson 9 unit 12

Test 1

Total mark
10

(3 marks)

1. Choose the correct answer.

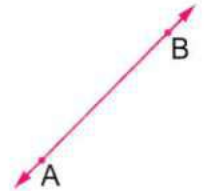
1. The opposite figure is named as _____

A. $\overline{AB}$

B. $\overleftrightarrow{AB}$

C. $\overrightarrow{AB}$

D. $\overleftarrow{BA}$



2. All the following letters has one line of symmetry except _____ has more than one line of symmetry.

A.

B.

C.

D.

3. Which of the following can be represented by a line plot ?

A. Our favorite movie.

B. Our favorite animal.

C. Our height.

D. Our favorite food.

2. Answer the following :

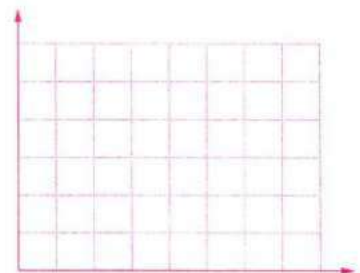
1. Arrange in an ascending order : 3.4 , 4.3 , 3.04 , 4.03

(1 mark)

2. The following table shows the number of liters Nour drank during some days of the week. Represent these data by a bar graph.

(1 mark)

Day	Saturday	Sunday	Monday
Liters	$1\frac{1}{2}$	2	3

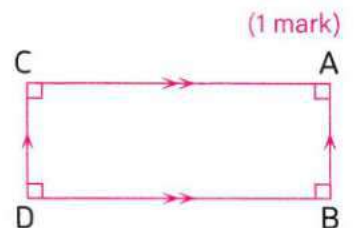


3. From the opposite figure :

Identify :

a. A pair of parallel line segments.

b. A pair of perpendicular line segments.

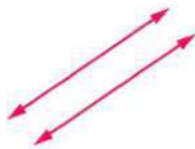


(1 mark)

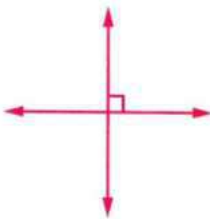
4. Write the name of the following two lines.

(1 mark)

a.



b.

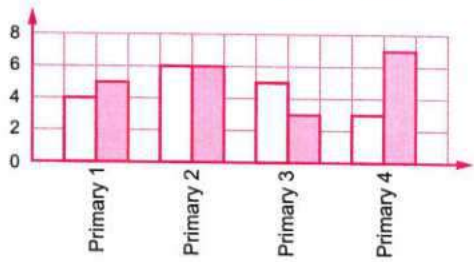


5. Complete the table.

(1 mark)

Pupils	Primary 1	Primary 2	Primary 3	Primary 4
Boys	_____	6	5	_____
Girls	5	_____	_____	7

□ Boys ■ Girls

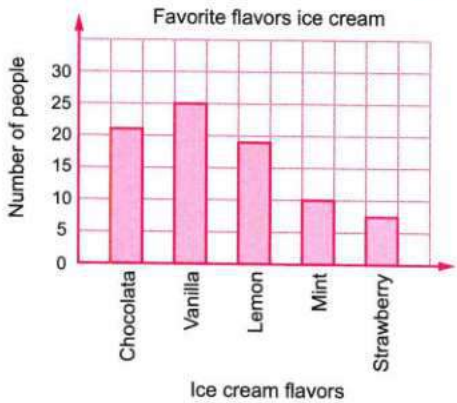


6. From the opposite bar graph :

(1 mark)

a. What is the number of people prefer the Mint flavor ?

b. What is the most preferred ice cream flavors ?



7. Draw a right angle.

(1 mark)



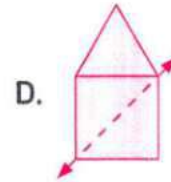
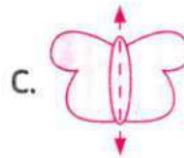
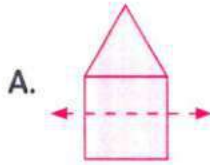
1. Choose the correct answer.

1. The two opposite lines are

- A. intersecting. B. parallel.
C. perpendicular. D. intersecting and not perpendicular.



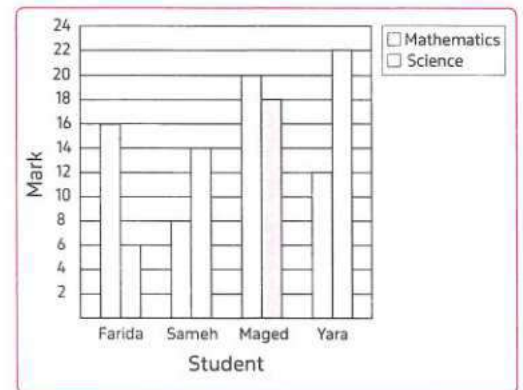
2. Which of the following figures show a line of symmetry?



3. The graph shows the marks of four students in Mathematics and Science.

Which student got the lowest mark in Science?

- A. Yara.
B. Farida.
C. Sameh.
D. Maged.



2. Answer the following :

1. Draw the straight line $\overleftrightarrow{AB}$ is perpendicular to $\overleftrightarrow{XY}$



(1 mark)

2. Hala is making a design using a quadrilateral that has 4 equal sides and 4 right angles.

What is Hala using? Draw the design.

(1 mark)

3. Salma bought a piece of cloth of length $\frac{6}{10}$ meter and Mona bought another piece of length $\frac{13}{100}$ meter. What is the total length of the two pieces?

(1 mark)

4. Write the name of the following figures :

(1 mark)

a.

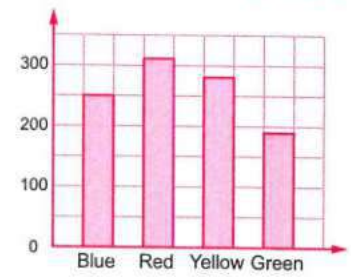
b.

5. In the opposite bar line :

Arrange the colors in an ascending order.

The order is : _____ < _____ < _____ < _____

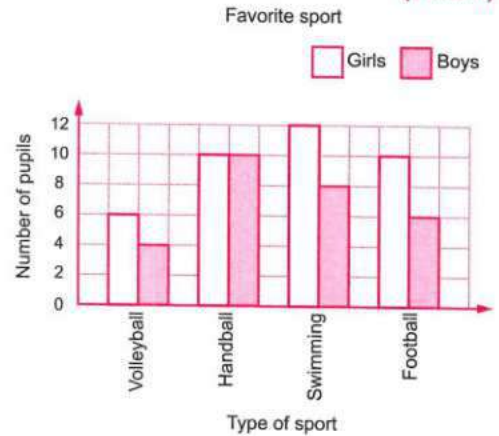
(1 mark)



6. By using the opposite graph , complete the table :

Sport Pupils	Volleyball	Handball	Swimming	Football
Girls	6	—	12	—
Boys	—	10	—	6

(1 mark)



7. Represent the following data by the line plot :

(1 mark)

$1\frac{3}{4}$, 1 , $1\frac{1}{2}$, $2\frac{1}{4}$, $1\frac{3}{4}$, $1\frac{1}{2}$, 1 , $2\frac{1}{2}$, $1\frac{1}{4}$, 2 , $2\frac{1}{2}$, $1\frac{1}{2}$

كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



حمل الآن

مجاناً وحصرياً

المراجعة رقم (2)

اختبار شهر ابريل



Assessment

on Lessons 8&9

Unit 10

1 Choose the correct answer:

a $3\frac{5}{10}$ 3.05

($\geq$ or $>$ or $=$ or $<$)

b $\frac{5}{8}$ $\frac{3}{4}$

($\geq$ or $>$ or $=$ or $<$)

c $2.5 >$

(54.2 or 2.5 or 16.2 or 5.52)

d $\frac{3}{5} + \frac{3}{5} + \frac{3}{5} =$

($2\frac{3}{5}$ or $1\frac{4}{5}$ or $\frac{3}{5}$ or $\frac{9}{15}$)

e The Multiplicative Identity Property is ($\frac{3}{4}$ or $\frac{1}{2}$ or 1 or 0)

2 Complete the following:

a $2.15 = \frac{\dots}{100}$

b $12\frac{1}{2} =$

(As a decimal)

c $\frac{3}{5} = \frac{\dots}{10} = \frac{\dots}{100}$

d 1,015 Hundredths = (As a decimal)

e Seventy and seven-hundredths = (As a decimal)

3 Answer the following:

- a Hossam bought 5 pens of the same type; the price of one pen is $\frac{3}{4}$ pound. How much money did Hossam pay for the pens?

.....
.....

- b Which is greater, 0.3 of a pizza or $\frac{43}{100}$ of the same pizza?

.....
.....

Assessment

on Lessons 10&11

Unit 10

1 Choose the correct answer:

a $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} = \dots\dots\dots$ ($\frac{5}{35}$ or $\frac{5}{7}$ or $\frac{1}{7}$ or $\frac{1}{35}$)

b $\frac{12}{24} = \frac{\dots\dots}{8}$ (1 or 3 or 4 or $\frac{1}{2}$)

c $3\frac{5}{8}$ is a/an $\dots\dots\dots$

(proper fraction or improper fraction or mixed number or whole number)

d $3.05 = \dots\dots\dots$ ($3\frac{5}{100}$ or $3\frac{5}{10}$ or $30\frac{5}{10}$ or $30\frac{5}{100}$)

e $\frac{4}{10} + \dots\dots\dots = \frac{64}{100}$ ($\frac{60}{10}$ or $\frac{60}{100}$ or $\frac{6}{10}$ or $\frac{24}{100}$)

2 Find the result:

a $2\frac{3}{10} + 2\frac{65}{100} = \dots\dots\dots$

b $3\frac{1}{5} - 1\frac{4}{5} = \dots\dots\dots$

c $4\frac{3}{4} + 2\frac{1}{4} = \dots\dots\dots$

d $5 \times \frac{3}{4} = \dots\dots\dots$

3 Answer the following:

a Karim had 10 pounds. He bought a pen for $3\frac{6}{10}$ pounds, and an eraser for $2\frac{40}{100}$ pounds. Find the remaining money with him.
 $\dots\dots\dots$

b Write the following fraction as a decimal, then write its different forms.

• Fraction: $14\frac{15}{100}$

1 Decimal: $\dots\dots\dots$

2 Word Form: $\dots\dots\dots$

3 Expanded Form: $\dots\dots\dots$

4 Unit Form: $\dots\dots\dots$

Assessment on Concept 3



Unit 10

First: Choose the correct answer:

1 Seventy and seven-hundredths = (70.70 or 70.07 or 7.07 or 70.7)

2 $3\frac{12}{100} =$ (3.12 or 30.12 or 31.2 or 31.02)

3 $50 + 2 + 0.8 + 0.09 =$ (528.9 or 52.09 or 52.89 or 50.29)

4 $7.05 =$ ($7\frac{5}{10}$ or $70\frac{5}{10}$ or $70\frac{5}{100}$ or $7\frac{5}{100}$)

5 0.08 0.8 ($\leq$ or $<$ or $=$ or $>$)

6 0.10 $\frac{5}{5}$ ($\leq$ or $<$ or $=$ or $>$)

7 0.50 $\frac{1}{2}$ ($\leq$ or $<$ or $=$ or $>$)

8 $\frac{4}{10} +$ $= \frac{44}{100}$ ($\frac{40}{100}$ or $\frac{4}{100}$ or $\frac{4}{10}$ or $\frac{40}{10}$)

9 $5 = 2\frac{5}{10} +$ ($2\frac{5}{100}$ or $2\frac{50}{10}$ or $2\frac{50}{100}$ or $3\frac{5}{10}$)

10 $3\frac{1}{10} + 3\frac{11}{100} =$ ($6\frac{12}{10}$ or $7\frac{21}{100}$ or $6\frac{21}{100}$ or $3\frac{21}{100}$)

Second: Complete the following:

1 Thirty-three and three-tenths = (As a decimal)

2 $15\frac{3}{100} =$ (As a decimal)

3 $2.08 =$ (As a fraction)

Assessment on Unit 10

4 $\frac{5}{10} = \frac{\dots\dots\dots}{100}$

5 $\frac{3}{10} = \frac{\dots\dots\dots}{100}$

6 $50 + 0.7 + 0.04 = \dots\dots\dots$

7 5 Ones , 3 Hundredths = $\dots\dots\dots$

8 2.15 (In expanded form) = $\dots\dots\dots$

9 57.40 (In word form) = $\dots\dots\dots$

10 $\frac{3}{10}$ pound and $\frac{25}{100}$ pound, the greatest amount is $\dots\dots\dots$

Third: Answer the following:

1 Find the result:

a $\frac{18}{100} + \frac{45}{100} = \dots\dots\dots$

b $\frac{4}{10} + \frac{9}{10} = \dots\dots\dots = \dots\dots\dots$

c $2\frac{1}{10} + 3\frac{68}{100} = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

d $4\frac{5}{100} + 2\frac{5}{10} = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

2 Ahmed had $3\frac{25}{100}$ pounds and his mother gave him $6\frac{75}{100}$ pounds.

How much money does Ahmed have now?

$\dots\dots\dots$
 $\dots\dots\dots$

Assessment

1

on



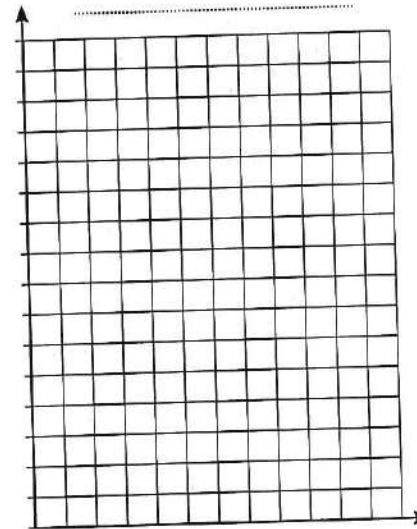
Unit 11

First: Write the appropriate **graph type** for each of the following: (Bar Graph - Double Bar Graph - Line Plot Graph)

- 1 The number of boys and girls in the first four grades of a school. (.....)
- 2 The favourite animal of a group of boys and girls. (.....)
- 3 Population number in some Egyptian cities. (.....)
- 4 The price of one type of vegetables within 7 days. (.....)
- 5 The favourite game of a number of students. (.....)
- 6 The means of transportation that a number of students use to go to school. (.....)
- 7 The season of the year preferred by a number of people. (.....)

Second: The following table shows the values of book sales in 1,000 LE of a book store during the first four months of two years:

Month	January	February	March	April
2020	5	$5\frac{1}{2}$	6	$5\frac{1}{2}$
2021	$7\frac{1}{2}$	5	$6\frac{1}{2}$	7



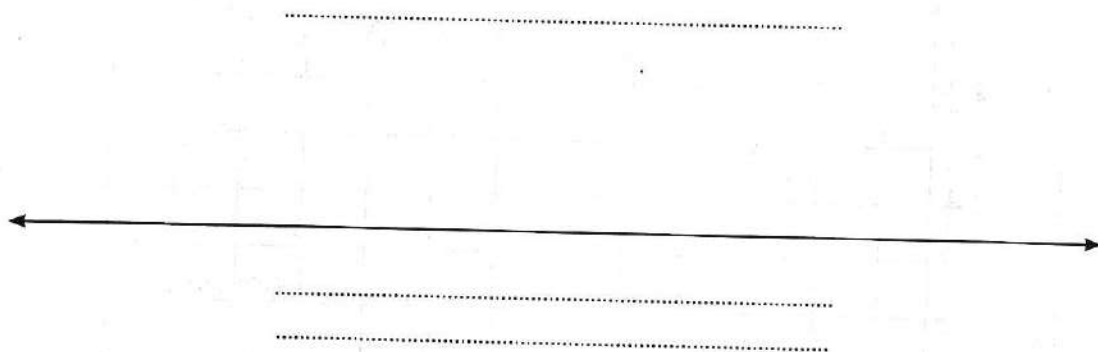
- 1 Represent this data using the **double bar graph**.
- 2 What is the month with the **highest** sales in **2020**?
- 3 What is the month with the **least** sales in **2021**?
- 4 What are the total sales of **April** in the two years?

Third: The following table shows the **favorite seasons** for a number of students:

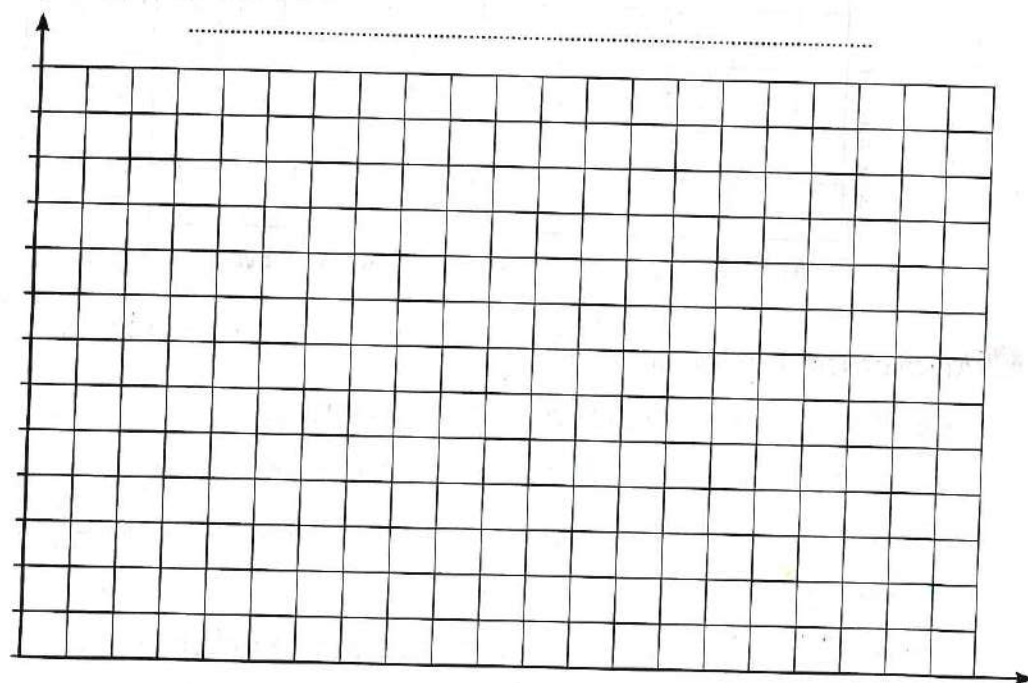
1 Complete the following table:

Favorite Season	Winter	Spring	Summer	Autumn
Tally	/// \\	/// /// \\	/// \\	/// ///
Number of Students				

2 Represent this data using the following **line plot graph**:



3 Represent this data using the following **horizontal bar graph**:



Assessment

2

on

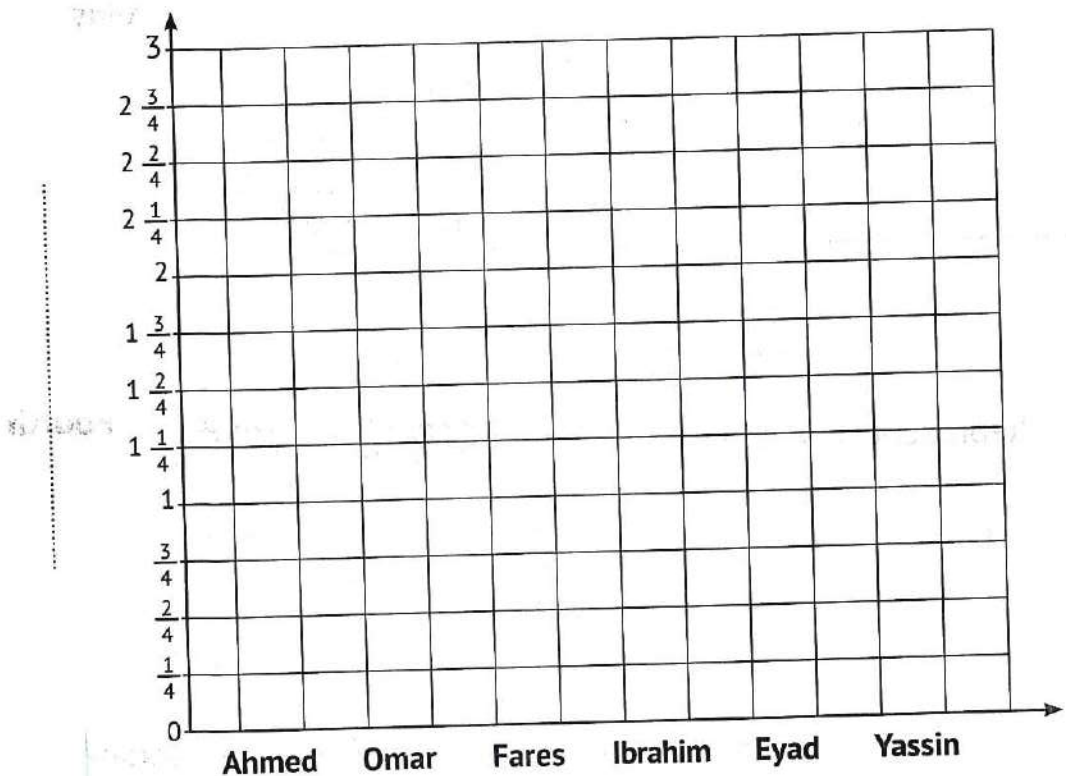


Unit 11

First: 6 students roll a ball of mass 10 kg as far as possible and the results are as shown in the following table:

Student	Ahmed	Omar	Fares	Ibrahim	Eyad	Yassin
Distance	$1\frac{1}{4}$ m	$\frac{3}{4}$ m	$1\frac{3}{4}$ m	$2\frac{1}{2}$ m	$\frac{3}{4}$ m	$\frac{1}{2}$ m

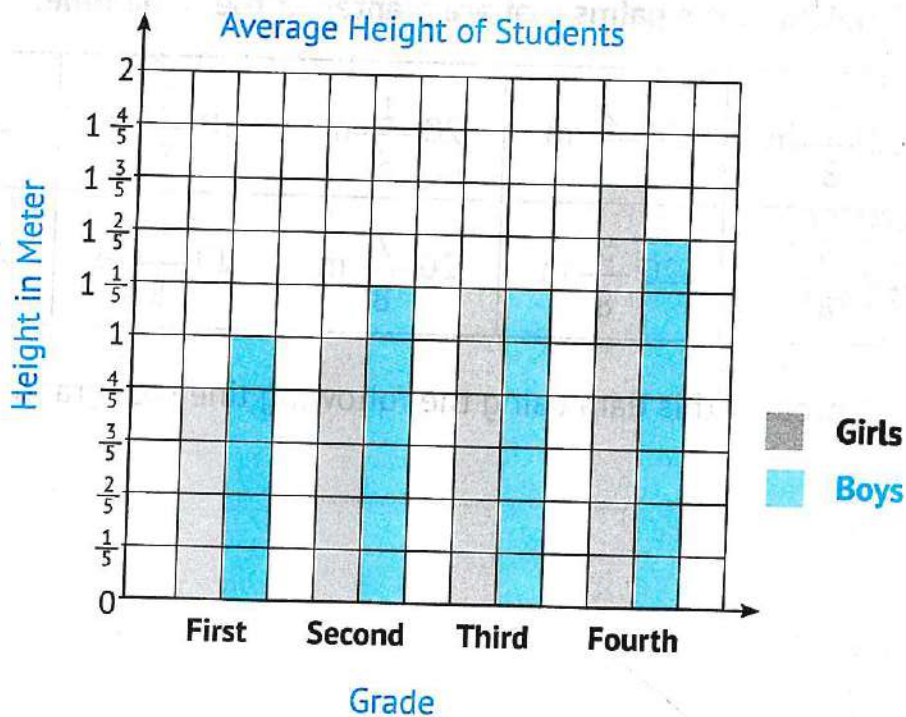
a Represent this data using the following bar graph.



b Answer the following:

- Who rolled the ball the **longest** distance?
- Who rolled the ball the **shortest** distance?
- What is the **total** distance that Omar and Fares rolled the ball together?
- How **much longer** is the distance of the ball rolled by Ibrahim than by Yassin?

Second: Use the following **graph** to complete the data in the table, then answer:



Grade	First	Second	Third	Fourth
Average Height of Girls				
Average Height of Boys				

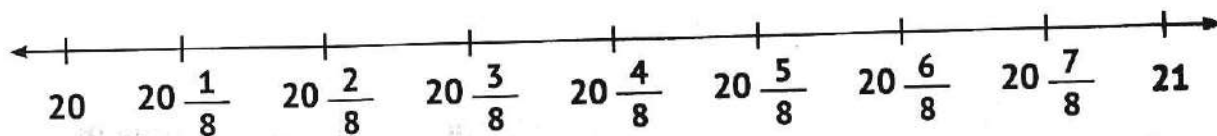
• Answer the following:

- What is the average height of **boys** in the **second** grade?
- In which class is the average height of **girls** equal to the average height of **boys**?
- In which class is the average height of **girls** greater than the average height of **boys**?
- How much more is the average height of **boys** greater than the average height of **girls** in the **first** grade?

Third: Ramy works in palm cultivation, and the following data shows the height of the palms that are planted at the same time:

$20\frac{1}{8}$ m	$20\frac{2}{8}$ m	$20\frac{1}{8}$ m	$20\frac{3}{8}$ m	$20\frac{1}{8}$ m
$20\frac{3}{8}$ m	$20\frac{5}{8}$ m	$20\frac{7}{8}$ m	$20\frac{5}{8}$ m	$20\frac{1}{8}$ m

a Represent this data using the following line plot graph:



$x =$

b Answer the following:

1 How many palm trees are represented on the graph?

.....

2 What is the most frequent height of the palm trees?

.....

3 What heights are on the number line that are not represented?

.....

Assessment on Concept

1



Unit 12

First: Choose the correct answer:

1 A is a part of a straight line with two end points.
(point or line segment or ray or straight line)

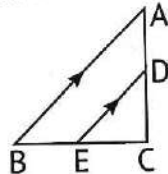
2 A is a line that continues forever in both directions.
(point or line segment or ray or straight line)

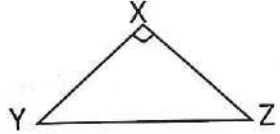
3 A is a part of a line that has a starting point but no end point.
(point or line segment or ray or straight line)

4  is called
($\overleftrightarrow{AB}$ or $\overline{AB}$ or $\overrightarrow{AB}$ or $\overleftarrow{AB}$)

5  is called
($\overrightarrow{BC}$ or $\overrightarrow{CB}$ or $\overleftarrow{BC}$ or $\overleftarrow{CB}$)

6  is called
($\overrightarrow{DC}$ or $\overrightarrow{CD}$ or $\overleftarrow{CD}$ or $\overleftarrow{CD}$)

7 In the opposite figure:
 $\overline{AB}$ and are parallel.
($\overline{DE}$ or $\overline{AC}$ or $\overline{BC}$ or $\overline{CE}$)

8 In the opposite figure:
 $\overline{XY}$ and are perpendicular.
($\overline{XY}$ or $\overline{XZ}$ or $\overline{YX}$ or $\overline{ZY}$)

Second: Complete the following:

- Two parallel straight lines meet at point(s).
- Two intersecting straight lines meet at point(s).
- The square has line(s) of symmetry.
- Any polygon consists of at least sides.
- The figure  is called
- The ray is a part of a straight line that has starting point(s)
and end point(s).

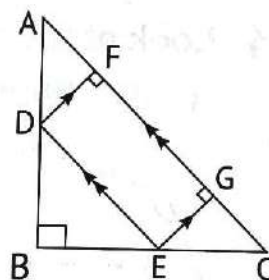
- 7 The opposite figure represents a ray starting at point and passes through point



Third: Answer the following:

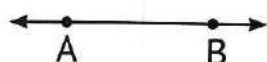
- 1 Use the following figure to answer the following questions:

- a $\overline{AB}$ and are perpendicular.
- b $\overline{EG}$ and are perpendicular.
- c $\overline{DE}$ and are parallel.
- d $\overline{DF}$ and are perpendicular.
- e $\overline{EG}$ and are parallel.



- 2 Draw:

- a $\overleftrightarrow{DC}$ parallel to $\overleftrightarrow{AB}$



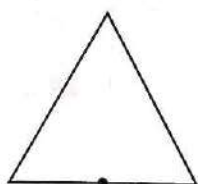
- b $\overleftrightarrow{DC}$ perpendicular to $\overleftrightarrow{AB}$



- c Ray AB



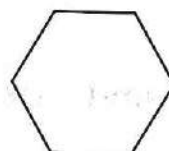
- d Line(s) of symmetry



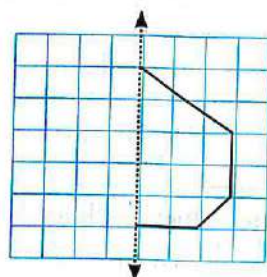
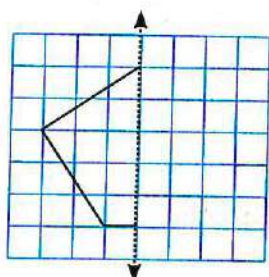
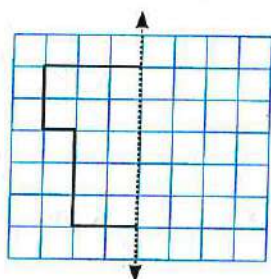
- e Line(s) of symmetry



- f Line(s) of symmetry



- 3 Draw the other half of the figure around the axis of symmetry to complete each shape:



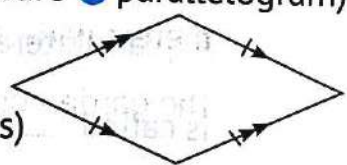
Assessment on Concept 2



Unit 12

First: Choose the correct answer:

- 1 The opposite figure represents a/an angle.
(acute ☐ or right ☐ or obtuse ☐ or straight ☐
- 2 The opposite figure represents a/an angle.
(acute ☐ or right ☐ or obtuse ☐ or straight ☐
- 3 4 cm, 5cm, and cm represent the lengths of the sides of an isosceles triangle.
(4 ☐ or 9 ☐ or 1 ☐ or 20 ☐
- 4 A triangle that contains one right angle and two acute angles is called a/an triangle. (acute ☐ or right ☐ or obtuse ☐ or equilateral ☐
- 5 An acute triangle contains
(3 acute angles ☐ or an obtuse angle and 2 acute angles ☐ or one right angle and two acute angles ☐ or only two acute angles ☐
- 6 Any triangle has acute angle(s) at least. (1 ☐ or 2 ☐ or 3 ☐ or 4 ☐
- 7 A is a quadrilateral with two pairs of parallel sides and all of its sides are equal.
(rectangle ☐ or trapezium ☐ or rhombus ☐ or parallelogram ☐
- 8 A is a quadrilateral with two pairs of parallel sides and all of its angles are right angles.
(rectangle ☐ or trapezium ☐ or rhombus ☐ or parallelogram ☐
- 9 A is a quadrilateral with only one pair of parallel sides.
(rectangle ☐ or trapezium ☐ or square ☐ or parallelogram ☐
- 10 The opposite figure represents a
(rectangle ☐ or square ☐ or trapezoid ☐ or rhombus ☐

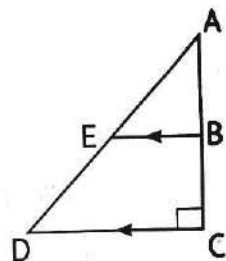


Second: Complete the following:

- 1 The right angle is greater than the angle.
- 2 angle is a type of angle whose sides are perpendicular and form a square vertex.
- 3 A/An is a geometric figure resulting from the meeting of two lines at one point.
- 4 6 cm, cm, and cm are the lengths of the sides of an equilateral triangle.
- 5 An obtuse triangle contains an obtuse angle and acute angle(s).

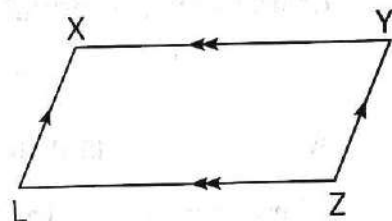
6 In the opposite figure:

- a $\overline{EB}$ and are parallel.
- b $\overline{AC}$ and are perpendicular.



7 In the opposite figure:

- a $\overline{XY}$ and are parallel.
- b $\overline{ZY}$ and are parallel.

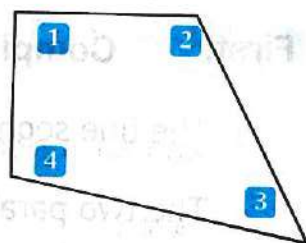


- 8 Quadrilaterals that have 4 equal sides are and
- 9 Quadrilaterals that have 4 right angles are and
- 10 A quadrilateral that has only two parallel and unequal sides is called

Third: Answer the following:

1 Using the following figure, write the type of each angle:

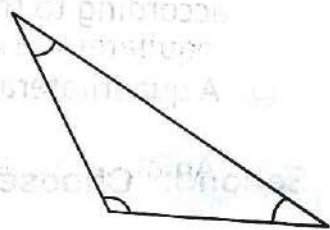
- a** Angle (1) is a/an angle.
- b** Angle (2) is a/an angle.
- c** Angle (3) is a/an angle.
- d** Angle (4) is a/an angle.



2 In the following figure, use the ruler to measure the sides of the triangle, then complete the following:

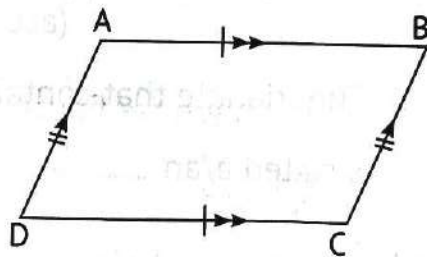
The type of the triangle according to:

- a** The length of its sides is
- b** The type of its angles is



3 Complete using the following figure:

- a** $\overline{AB}$ and are parallel.
- b** $\overline{AD}$ and are parallel.
- c** $AB = \dots\dots\dots$
- d** $AD = \dots\dots\dots$



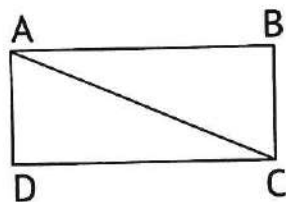
First: Complete the following:

- 1 The line segment has end point(s).
- 2 The two parallel straight lines meet at point(s).
- 3 The square has line(s) of symmetry.
- 4 The type of triangle whose side lengths are 3 cm, 4 cm, and 5 cm according to the lengths of its sides is triangle.
- 5 A quadrilateral that has a pair of parallel and unequal sides is

Second: Choose the correct answer:

- 1 A is a line that continues forever in both directions.
(line segment or ray or straight line or point)
- 2 The opposite figure represents a/an angle.
(acute or upright or obtuse or straight)
- 3 The triangle that contains one obtuse angle and two acute angles is called a/an triangle.
(acute or right or equilateral or obtuse)
- 4 A polygon with 3 sides is called a
(triangle or quadrilateral or pentagon or rhombus)
- 5 In the opposite figure:
AB and are parallel.

(AC or DC or BC or AD)



Study the following figure, then complete:

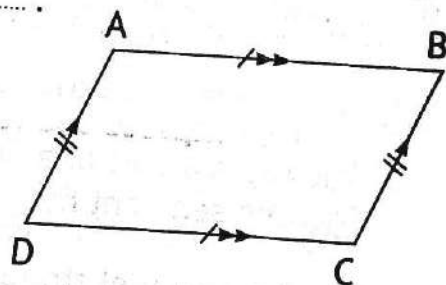
The opposite figure is called

$\overline{AB}$ and are parallel,

$AB = \dots\dots\dots$

$\overline{AD}$ and are parallel,

$AD = \dots\dots\dots$



d Angles (B) and (D) are angles.

e Angles (A) and (C) are angles.

Fourth: Answer the following:

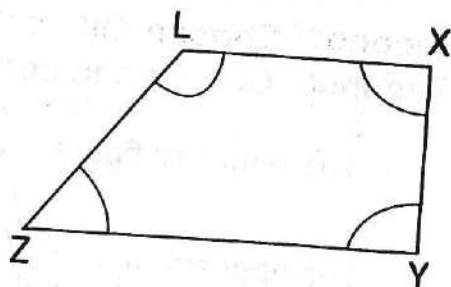
1 Write the type of each angle of the opposite shape:

a Angle ($\angle X$) is a/an angle.

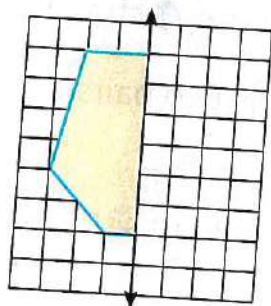
b Angle ($\angle Y$) is a/an angle.

c Angle ($\angle Z$) is a/an angle.

d Angle ($\angle L$) is a/an angle.



2 Draw the missing part to complete the drawn shape, as the straight line is the axis of symmetry:



3 Draw a right triangle:

Assessment 2

Third:

First: Complete the following:

- 1 The ray is a part of a line that has and end point(s).
- 2 The two parallel straight lines meet at $\neq$
- 3 The type of triangle whose side lengths are 5 cm, 4 cm, according to the lengths of its sides is a/an
- 4 The type of triangle whose all angles are acute according to of angles is a/an triangle.
- 5 A quadrilateral that has two pairs of parallel sides is called

Second: Choose the correct answer:

- 1 The opposite figure is called

($\overrightarrow{BA}$ or $\overrightarrow{AB}$ or $\overline{BA}$ or $\overline{AB}$)

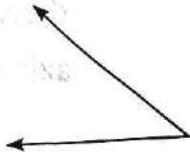


- 2 The triangle whose side lengths are 4 cm, 4 cm, and cm is an equilateral triangle.

(3 or 4 or 8 or 12)

- 3 The opposite figure represents a/an angle.

(acute or right or obtuse or straight)



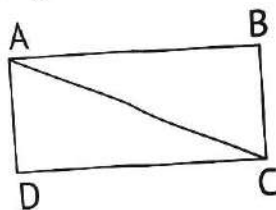
- 4 A polygon that has 4 sides and contains two pairs of parallel sides and all its angles are right angles is a

(rhombus or parallelogram or rectangle or trapezium)

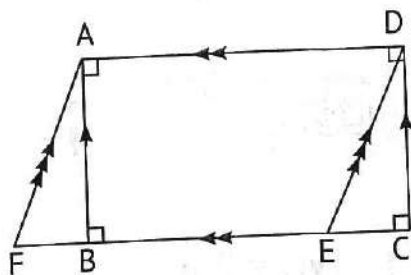
- 5 In the opposite figure:

AB and are parallel.

($\overline{AC}$ or $\overline{AB}$ or $\overline{BC}$ or $\overline{DC}$)



Third: Use the following shape to answer the questions where ABCD is a rectangle:

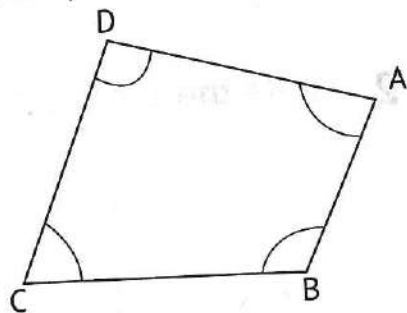


- a $\overline{AB}$ and are parallel.
- b $\overline{DE}$ and are parallel.
- c $\overline{AD}$ and are parallel.
- d $\overline{BA}$ and $\overline{BC}$ are
- e $\overline{BC}$ and $\overline{CD}$ are

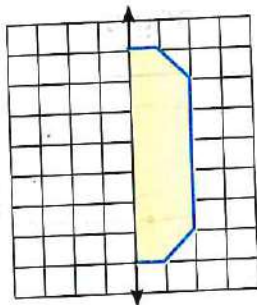
Fourth: Answer the following:

1 Write the type of each angle of the following shape:

- a $\angle A$ is a/an angle.
- b $\angle B$ is a/an angle.
- c $\angle C$ is a/an angle.
- d $\angle D$ is a/an angle.



2 Draw the missing part to complete the drawn shape, as the straight line is the axis of symmetry:



3 Draw an obtuse triangle

Assessment

on Lesson 1

Unit 13

1 Choose the correct answer:

a Five-sixths =

$$\left(\frac{5}{6} \text{ or } \frac{6}{5} \text{ or } \frac{5}{11} \text{ or } \frac{11}{6}\right)$$

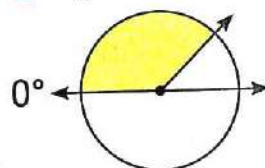
b $4.03 =$

$$\left(4\frac{3}{10} \text{ or } 40\frac{3}{10} \text{ or } 4\frac{3}{100} \text{ or } 40\frac{3}{100}\right)$$

c An angle whose measure is 108° is called a/an angle.

(straight or obtuse or right or acute)

d The corresponding figure represents an angle whose measure is about (315° or 225° or 135° or 45°)



e A is a quadrilateral whose angles are all right.

(rectangle or rhombus or parallelogram or trapezium)

2 Complete the following:

a $3 + \frac{1}{4} + \frac{1}{4} =$

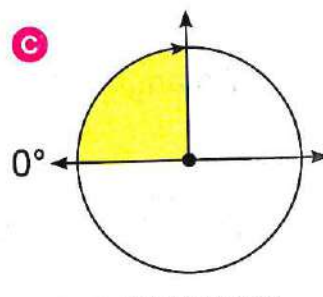
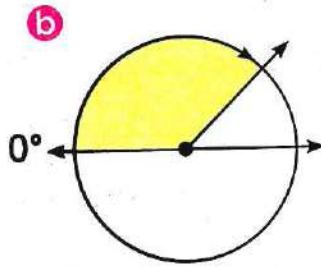
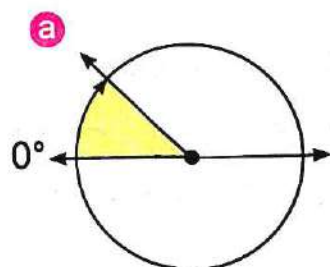
b $20 + 0.05 + 3 =$

c The measure of a straight angle is

d The measure of a right angle is greater than the measure of a angle.

e If a circle is divided into 4 equal parts, then each part represents a/an angle.

3 Write the type of each of the following angles:



Assessment

on Lesson 2

Unit 13

1 Choose the correct answer:

a $\frac{3}{5} \times \frac{2}{3} = \dots\dots\dots$

($\frac{3}{15}$ or $\frac{2}{15}$ or $\frac{5}{8}$ or $\frac{6}{15}$)

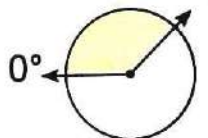
b $3.15 = \dots\dots\dots$

($31 \frac{5}{100}$ or $3 \frac{15}{100}$ or $31 \frac{5}{10}$ or $3 \frac{15}{10}$)

c An angle whose measure is 120° is called a/an $\dots\dots\dots$ angle.

(acute or right or obtuse or straight)

d The measure of the angle representing the shaded part of the opposite circle is $\dots\dots\dots$ (50° or 150° or 120° or 100°)



e The measure of the opposite angle is about $\dots\dots\dots$

(120° or 90° or 30° or 180°)



2 Complete the following:

a $40 + 0.03 + 2 = \dots\dots\dots$

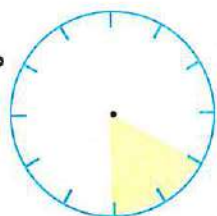
b $5 \times \frac{1}{8} = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$

c A $\dots\dots\dots$ is a quadrilateral with only a pair of parallel, unequal sides.

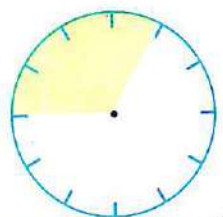
d The lengths 3 cm, 5 cm, and 7 cm are the lengths of the sides of a triangle classified as $\dots\dots\dots$ according to the lengths of its sides.

3 Use the circle model and write what the shaded part represents:

a Angle measure =
(about) $\dots\dots\dots^\circ$



b Angle measure =
(about) $\dots\dots\dots^\circ$



Assessment on Concept

1



Unit 13

First: Choose the correct answer:

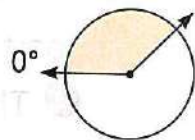
1 If you divide a circle into 4 parts, each part represents a/an angle. (acute or obtuse or right or straight)

2 The measure of a straight angle is (80° or 108° or 360° or 180°)

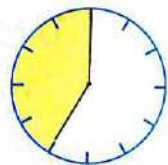
3 The measure of an obtuse angle is less than the measure of a/an angle. (acute or right or straight or zero)

4 The type of angle whose measure is 91° is a/an angle. (acute or obtuse or right or straight)

5 The shaded part in the opposite circle represents an angle measuring about (90° or 135° or 180° or 270°)



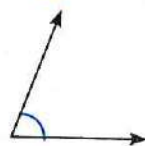
6 The shaded part of the circle represents an angle measuring about (150° or 50° or 210° or 70°)



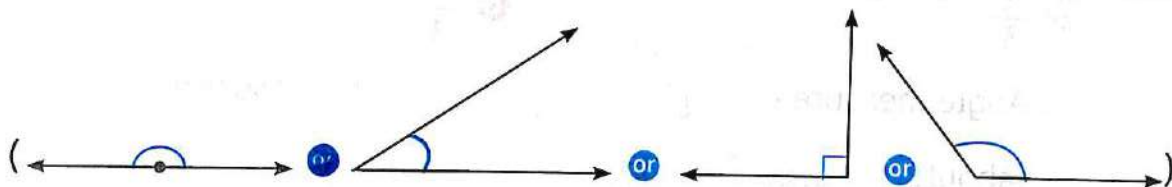
7 Which of the following times is the clock hands' angle of about 90° ? ($2:00$ or $12:30$ or $2:45$ or $3:00$)

8 If the time is 8:10, then the hands of the clock will have an angle measuring about (120° or 180° or 240° or 60°)

9 The opposite angle measures about (180° or 110° or 90° or 70°)

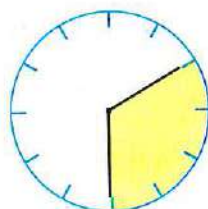
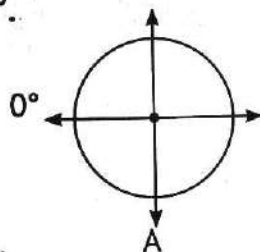


10 The angle whose measure is 120° of the following angles is



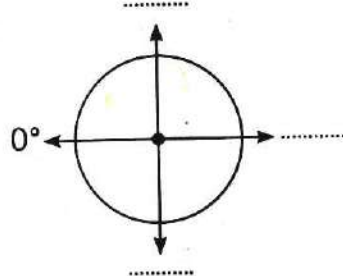
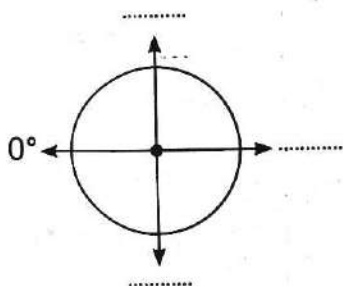
Second: Complete the following:

- 1 The unit of angle measurement is
- 2 If you divide the circle into two halves, then the half of the circle represents an angle whose measure is°.
- 3 If you move clockwise in the opposite figure, the measurement of the angle that is written at point A is
- 4 The type of angle that measured 108° is
- 5 The measure of an acute angle is greater than° and less than°.
- 6 The circle model is divided into 12 parts, each part representing an angle measuring
- 7 In the opposite figure, the shaded part is represented as follows:
 - a The fraction
 - b Angle measure is about:



Third: Answer the following:

- 1 Move counterclockwise, and write down the angle measures in the marked places.
- 2 Move clockwise, and write down the angle measures in the marked places.



- 3 Color the following circle models to represent the fraction shown. Write the angle of the shaded part:

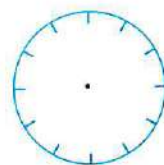
a $\frac{1}{3}$

• Angle measure =
(about)



b $\frac{3}{4}$

• Angle measure =
(about)



Assessment

on Lessons 3&4

Unit 13

1 Choose the correct answer:

a $\frac{3}{4}$ $\frac{3}{8}$

(> or = or < or ≤)

b $2\frac{13}{100} = \dots\dots\dots$

(2.13 or 21.3 or 20.13 or 21.03)

c An angle of 45° is a/an angle. (acute or right or obtuse or straight)

d An angle whose measure is is an acute angle.

(130° or 170° or 30° or 90°)

2 Complete the following:

a The place value of the digit 4 in 2.45 is

b $\frac{15}{7} = \dots\dots\dots$ (As a mixed number) c $\frac{3}{4} = \frac{\dots\dots}{8} = \frac{12}{\dots\dots}$

d The vertex of an angle ABC is the point

e Seventy-five and three-hundredths = (In decimal form)

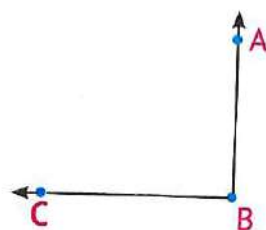
3 Answer the following:

a Use the protractor to measure the opposite angle, then complete:

1 Angle names:

2 Angle measure:

3 Angle type:



b Fares had $4\frac{15}{100}$ pounds, and his mother gave him $3\frac{5}{10}$ pounds.

What amount does he have now?

حمل الآن

مجاناً وحصرياً

المراجعة رقم (3)

اختبار شهر ابريل



Lesson (9) Comparing Fractions and Decimals

Week
(7)

Date: / /

Class performance:

Activity (1): Joudy and Mirna

Joudy and Mirna wanted to compare between the two numbers: $(2\frac{4}{100})$ and (4 ones and 2 tenths).

Joudy said that: $(2\frac{4}{100}) < (4 \text{ ones and } 2 \text{ tenths})$

Mirna said that: $(2\frac{4}{100}) < (4 \text{ ones and } 2 \text{ tenths})$

Work with your classmate to show which is correct? and why?

Activity(2): Compare smartly

Work with your classmate to put each of the following cards in the suitable place to get a correct statement:

5.9

0.09

0.21

(a) $\frac{6}{10} > \dots\dots\dots$

(b) $\dots\dots\dots < 2 \text{ tenths and } 3 \text{ hundredths}$

(c) $5 \text{ ones and } 8 \text{ tenths} < \dots\dots\dots$

Home Work:

Answer the following:

1) Compare using $>$, $<$ or $=$:

a) $0.52 \dots\dots\dots \frac{5}{10}$

b) $9 \text{ tenths} \dots\dots\dots 0.9$

2) Represent the following fractions on the number line, then compare between them:

0.8 and $\frac{2}{10}$



3) Complete using a correct fraction: $0.39 < \dots\dots\dots$

4) Mona drank $\frac{5}{10}$ liters of a juice . Asmaa drank 0.73 liters from the same juice .

Who drank more juice?

5) Omar drank 0.35 liters of milk . His sister Sara drank $\frac{4}{10}$ liters of milk .

Who drank less quantity of milk?

Lesson (10) Adding Fractions with denominators 10 and 100 Using Models

Lesson (11) Adding Two Fractions With Denominators 10 and 100 By Converting into Equivalent Fractions

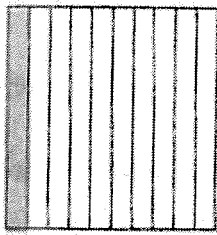
Week
(8)

Date: / /

Class performance:

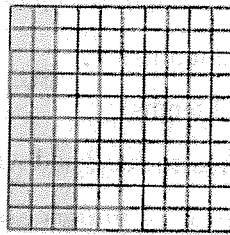
Activity (1): Addition accuracy

Work with your groupmates to write the fraction represented by the shaded part in each of the following models. Find the sum and color it.



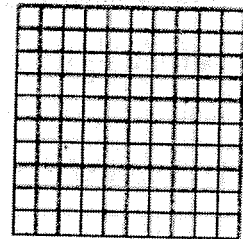
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+



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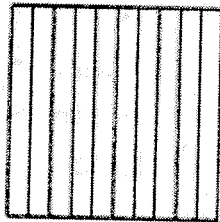


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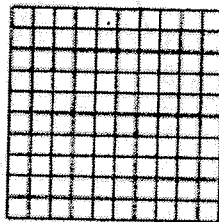
Activity (1): 10×10

Collaborate with your groupmates use the following models to find :

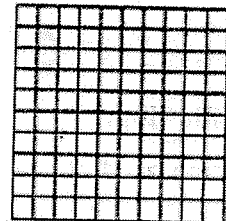
$$\frac{2}{10} + \frac{70}{100} = \dots\dots\dots$$



.....



.....



.....

Home Work:

Answer the following:

1) Add using the models:

(a) $\frac{3}{10} + \frac{50}{100}$

Find the result of:

2) $\frac{8}{10} + \frac{20}{100}$

3) $1\frac{2}{10} + 1\frac{45}{100}$

(b) $\frac{5}{10} + 1\frac{24}{100}$

- 4) Jihan ate $\frac{2}{10}$ of the pie in the morning. Then she ate $\frac{60}{100}$ from the same pie in the evening. What fraction represents the sum that Jihan ate from the pie? Show your answer using the models.
- 5) Hazem read $\frac{6}{10}$ from the book on Sunday, then he read $\frac{34}{100}$ from the same book on Sunday. What fraction represents what Hazem read?

11

Unit: 11

Lesson (1) Different Graphs

Lesson (2) Plotting Along

Week
(8)

Date: / /

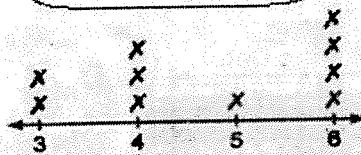
Class performance:

Activity (1): Plots or Bars

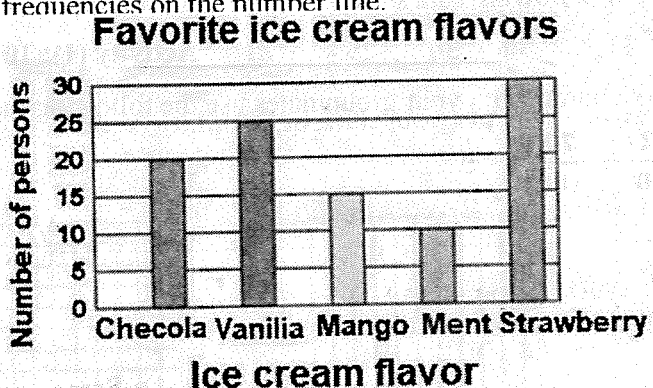
Work with your groupmate to determine the suitable graph for each of the following:

- We use this type of graphs to compare things between different groups or to track changes that occur over large periods of time.
- We use this type of graphs to demonstrate frequencies on the number line.

Read Books



key: x = 1 student



Activity (2): leisure

Collaborate with your groupmate observe the given data in the following table. Decide if we can represent it using the double bars. Record the answer, say the reasons and answer the following questions:

Activity	Boys	Girls
Football	11	9
Leisure with friends	5	11
Skipping	1	4

- What is the activity that most boys and girls do not prefer?

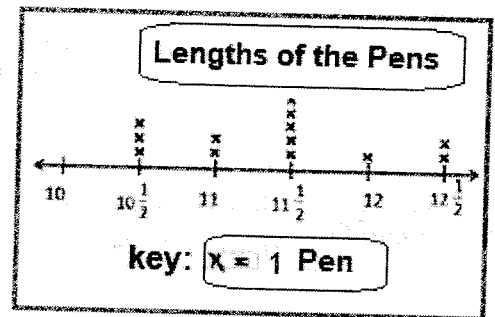
- What is the difference between the number of girls who prefer football and the number of girls who prefer spending leisure with friends?

- What is the total number of boys who recorded their answers?

Home Work:

Answer the following:

- 1) What is the appropriate graph representation to compare between the maximum and the minimum temperature in a city during many months?
- 2) Mention the name of the horizontal and the vertical lines on the graph.
- 3) The opposite line plot graph shows lengths of some students' pens in centimeters. Notice the graph then answer the following:
 - a) What is the most frequently repeated length?
 - b) What is the length at which the number of pens is equal?
 - c) What is the shortest length? How many pens are there for this length?
- 4) The following data show masses in kg for a group of students:
 $31\frac{1}{2}$, 30, 30, $29\frac{1}{2}$, $31\frac{1}{2}$, $31\frac{1}{2}$, 29, $30\frac{1}{2}$, 29, 30



Represent the previous data in line plot graph.

Lesson (3) Breaking the Bar

Week
(8)

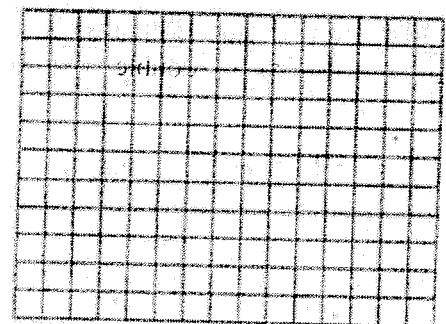
Date: / /

Class performance:

Activity (1): Sameh and Saving

Work with your groupmates to represent the data that show what Sameh and Alaa save in 3 months. Use the double bar graph.

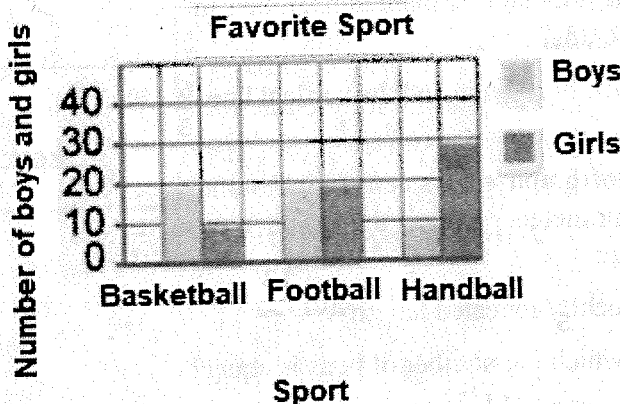
Name \ Month	Sameh	Alaa
First	10	30
Second	30	40
Third	50	50



Activity (2): The School Activities

Through the following graph collaborate with your groupmates to determine the following:

- The sport in which the number of boys and girls is equal.
- The difference between the number of boys and girls in handball



Home Work:

Answer the following:

The following table shows the number of study hours for some students

Name	Ahmed	Ehab	Samir	Moomen
No. of hours	$\frac{2}{3}$	2	$1\frac{1}{3}$	$1\frac{2}{3}$

- 1) Represent the given data by bar graphs. From the graph:
- 2) Write the appropriate title for the graph.
- 3) Mention the name of the student who spent most hours to study.

The following table shows number of study hours for Ahmed and Ammar in 5 days:

Day	Sun.	Mon.	Tues.	Wed.	Thurs.
Name	Ahmed	4	$\frac{1}{2}$	5	$2\frac{1}{2}$
Ammar	4	$5\frac{1}{2}$	2	$3\frac{1}{2}$	$1\frac{1}{2}$

- 4) Represent the previous data by the double bar graph.
- 5) Mention the two days in which the number of hours Ammar studied was less than the number of hours Ahmed studied.

12

Unit: 12

Lesson (1) Points, Lines, Line Segments, and Rays

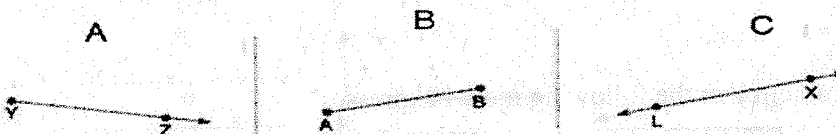
Week (9)

Date: / /

Class performance:

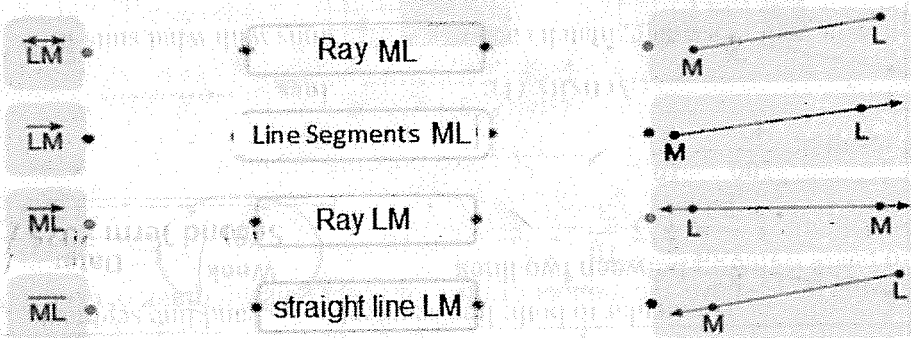
Activity (1): Segment and Arrow

Cooperate with your classmate, write the name of each of the following shapes:



Activity (2): Right and left

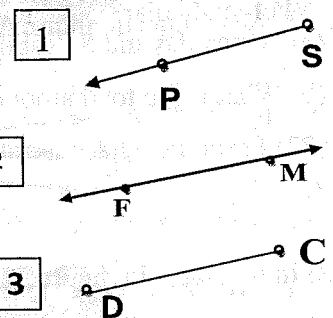
Cooperate with your groupmates, match each shape to its appropriate form:



Home Work:

Answer the following questions:

- (1) Write the name of the shape and the mathematical symbol for the opposite shape.
- (2) Write the name of the shape and the mathematical symbol for the opposite shape.
- (3) Write the name of the shape and the mathematical symbol for the opposite shape.
- (4) What is the name of the polygon that consists of 5 sides?
- (5) Draw a straight line, a ray, and a line segment.



Lesson (2) The Relation between two lines

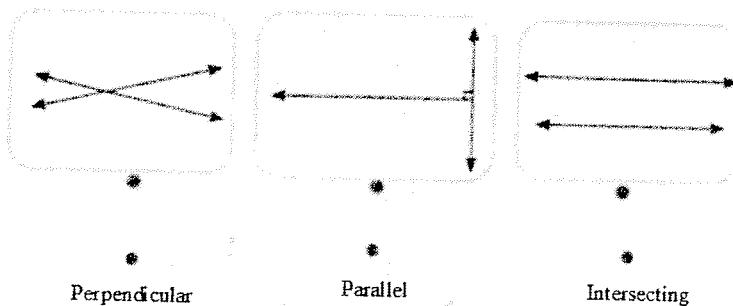
Week
(9)

Date: / /

Class performance:

Activity (1): A Pair of Lines

In cooperation with your classmate, match each pair of columns with what suits it

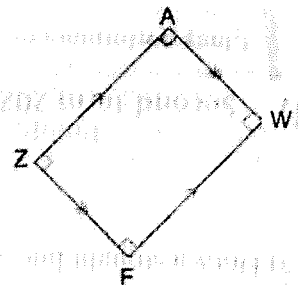


Activity (2): AZFW

In cooperation with your group mates, use the corresponding figure in

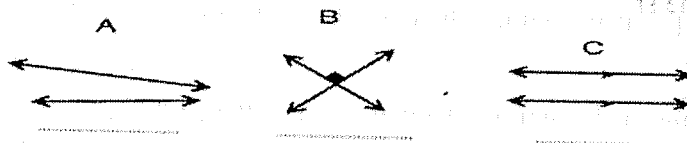
A) Identify two perpendicular line segments.

B) Identify two parallel line segments.



Home Work:

(1) Determine the relationship between each pair of lines (Intersecting and not perpendicular, Perpendicular, or Parallel).



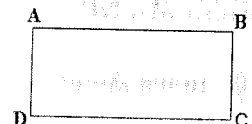
(2) In the opposite figure: ABCD is a rectangle. Complete the following statements:

(a) Line segment AB is parallel to line segment

(b) Line segment AD is parallel to line segment

(c) Line segment AC intersects with line segment

(d) Line segment AB is perpendicular to both: line segment and line segment



Lesson (3) Symmetry

Week
(9)

Date: / /

Class performance:

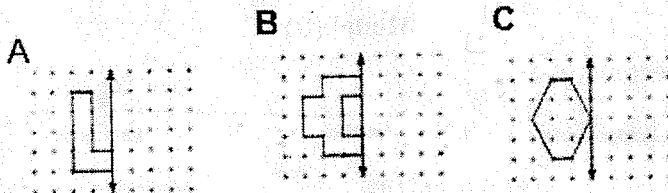
Activity (1): Letters of Symmetry

In cooperation with your classmate, draw the line of symmetry for the following letters:

W Z B V

Activity (2): Letters of Symmetry

Cooperate with your groupmates, complete the drawing of the following shapes, where Mohamed drew half of the shape and its line of symmetry.



Home Work:

Answer the following questions:

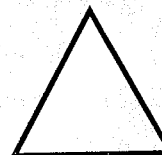
1) What is the number of lines of symmetry for a rectangle?



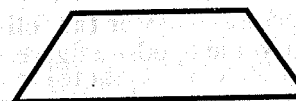
2) What is the number of lines of symmetry for a square?



3) What is the number of lines of symmetry for an equilateral triangle?



4) What is the number of lines of symmetry for an isosceles trapezium?



5) What is the number of lines of symmetry for a parallelogram?



Weekly Assessment – Week (9)

Model (A)

First: Choose the correct answer:

- (1) What is the name of the opposite figure?  (a) Ray (b) straight line (c) line segment (d) Point

(2) The number of lines of symmetry for a square

- (a) 0 (b) 2 (c) 3 (d) 4

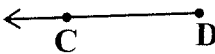
Second: Answer the following:

- 1) State the relationship between the two straight lines of the opposite figure.
 2) What is the name of the polygon with 5 sides?
 3) State the number of lines of symmetry for an equilateral triangle.



Model (B)

First: Choose the correct answer:

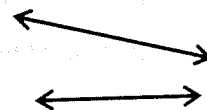
- (1) What is the name of the opposite figure?  (a) Ray (b) straight line (c) line segment (d) Point

(2) The number of lines of symmetry for a rectangle.....

- (a) 0 (b) 2 (c) 3 (d) 4

Second: Answer the following:

- (1) State the relationship between the two straight lines of the opposite figure.
 (2) What is the name of the polygon with 6 sides?
 (3) State the number of lines of symmetry for an isosceles trapezium.



Model (C)

First: Choose the correct answer:

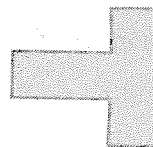
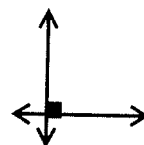
- (1) What is the name of the opposite figure?  (a) Ray (b) straight line (c) line segment (d) Point

(2) The number of lines of symmetry for a parallelogram.....

- (a) 0 (b) 2 (c) 3 (d) 4

Second: Answer the following:

- (1) State the relationship between the two straight lines of the opposite figure.
 (2) What is the name of the polygon with 4 sides?
 (3) State the number of lines of symmetry for the opposite figure.



Lesson (4-5) Real-World Geometry)- Classifying Angles)

Week
(10)

Date: / /

Class performance:

Activity (1): The Garden and the Yellow Color

Color two parallel paths yellow and two intersecting paths blue in the opposite figure



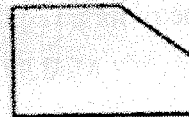
Activity (2): Angles and colors

(a) In figure (d) Color the acute angles green.



(d)

(b) In figure (h) Color the right angles blue.

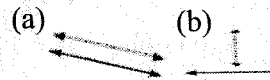


(h)

Home Work:

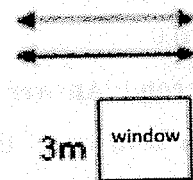
Answer the following questions:

(1) What do the two straight lines in the opposite figure represent?

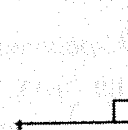


(2) Which two straight lines form 4 right angles?

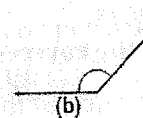
(3) Find the perimeter of the window in the opposite figure



(4) Write the type of angle in the following figure.



(5) (a) Compare the angle in Figure (a) with the right angle.



(b)



(a)

(b) Compare the angle in Figure (b) with the right angle.

Lesson (6) Drawing Angles

Week
(10)

Date: / /

Class performance:

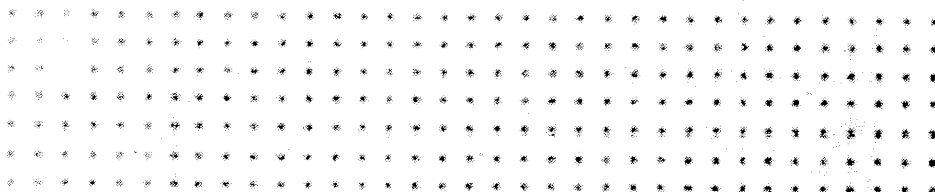
Activity (1): Points and Angles

In cooperation with your group mates, use a ruler to connect the dots in the following drawing:

(a) An acute angle

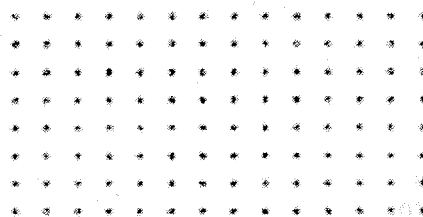
(b) An obtuse angle

(c) A right angle



Activity 2: Design Geometry

In cooperation with your group mates, use a ruler to connect the dots in Draw a geometric design that includes a right angle, an obtuse angle, and a third acute angle.



Home Work:

Answer the following questions:

- (1) Draw a quadrilateral that contains at most two right angles.
- (2) Draw a triangle that contains one obtuse angle and two acute angles.
- (3) Draw a quadrilateral that contains at least two right angles.
- (4) Draw an acute angle and an obtuse angle sharing a starting point.
- (5) Draw an acute angle and a right angle sharing a starting point.

Lesson (7) Classifying Triangles

Week
(10)

Date: / /

Class performance:

Activity (1): 3 Angles and 3 Colors

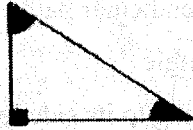
Cooperate with your classmate, match each triangle with what suits it:

Obtuse Triangle



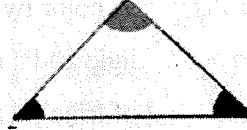
It has three acute angles.

Right Triangle



It has an obtuse angle and two acute angles.

Acute Triangle



It has a right angle and two acute angles.

Activity 2: Playing with Triangles

Cooperate with your groupmates, put the following set of triangles in their appropriate location according to the following classification.



Isosceles



Scalene



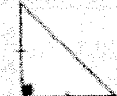
Scalene



Isosceles



Scalene



Isosceles

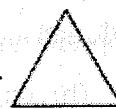
Obtuse Angel

Right angle

Acute Angel

Home Work:

- (1) In Figure (a), classify the triangle according to its angles types.
- (2) In Figure (b), classify the triangle according to its sides lengths.
- (3) How many acute angles are in a right angled triangle?
- (4) How many acute angles are in an acute angled triangle?
- (5) Classify the opposite triangle according to its sides lengths.



(b)



(a)



Model (A)

First: Choose the correct answer:

(1) A square window with a side length of 5 cm. The area of the window =cm²

- (a) 20 (b) 25 (c) 10 (d) 14

(2) The type of the opposite angle is a/an ____ angle

- (a) Obtuse (b) Acute (c) straight (d) Right

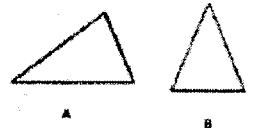


Second: Answer the following:

(1) In the opposite figure, color two perpendicular paths.

(2) Compare an acute angle and a right angle.

(3) Determine the type of triangle according to its side lengths:



Model (B)

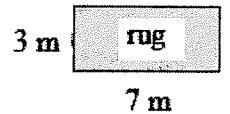
First: Choose the correct answer:

(1) The perimeter of the rug in the opposite figure equals meters.

- (a) 20 (b) 18 (c) 21 (d) 14

(2) The type of the opposite angle is a/an ____ angle.

- (a) Obtuse (b) Acute (c) straight (d) Right

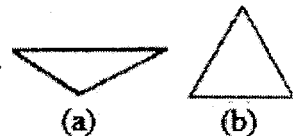


Second: Answer the following:

(1) In the garden, color two parallel paths.

(2) Compare an obtuse angle and an acute angle.

(3) Determine the type of each triangle according to their angle measures.



Model (C)

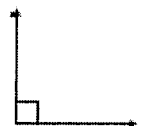
First: Choose the correct answer:

(1) The area of the opposite square is equal to square meters. 3 m

- (a) 12 (b) 6 (c) 8 (d) 9

(2) The type of the opposite angle is a/an angle.

- (a) Obtuse (b) Acute (c) straight (d) Right



Second: Answer the following:

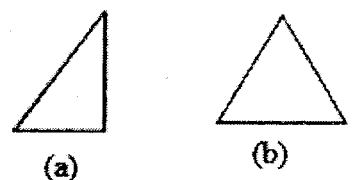
1) In the opposite figure, color two intersecting and non-perpendicular paths.

2) Compare an obtuse angle and a right angle.

3) In following, identify the type of Triangle

(a) According to its side lengths and Triangle

(b) According to its angle measures.



Lesson (8, 9) (Drawing Triangles)-(Classifying Quadrilaterals)

Week
(11)

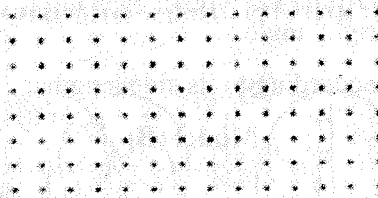
Date: / /

Class performance:

Activity (1): points and triangles

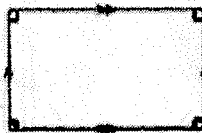
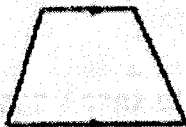
In collaboration with your group mates, use a ruler to connect the dots to draw a triangle in the following cases:

- (a) An isosceles right triangle (b) An isosceles obtuse triangle (c) A scalene triangle



Activity (2): 4 sides and 4 angles

In cooperation with your classmate, explore the properties of each of the following quadrilaterals.



Home Work:

Answer the following questions:

- 1) Draw an equilateral triangle.
- 2) Draw an isosceles triangle.
- 3) A parallelogram with one right angle, what is it?
- 4) A quadrilateral with 4 congruent sides, what is it?
- 5) What is the number of right angles in a rhombus?

Lesson (1) The Circle and The Degrees

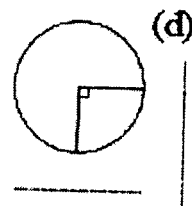
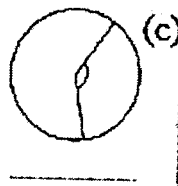
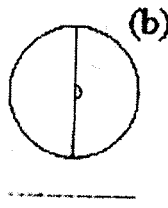
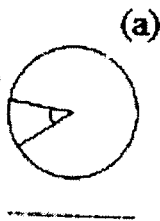
Week
(11)

Date: / /

Class performance:

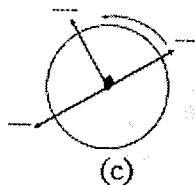
Activity (1): City of Circles

Cooperate with your classmate, determine the type of each angle drawn inside each circle:



Activity (2): Angles Directions

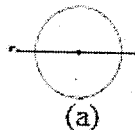
In collaboration with your group mates, determine on circle (c) the angles whose measure are 180° , 90° , 0° according to the direction.



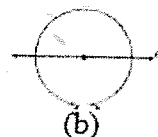
Home Work:

- 1) Write the type of the angle that represents $\frac{1}{4}$ of the circle's measure?
- 2) Write the type of the angle that represents $\frac{1}{2}$ of the circle's measure?

- 3) On circle (a), draw an acute angle.



- 4) On circle (b), draw an obtuse angle.



- 5) What is the type of angle drawn inside the opposite circle?



Lesson (2) Measuring Angles Using a Circle Model

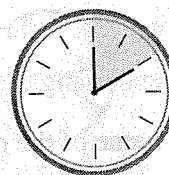
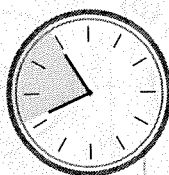
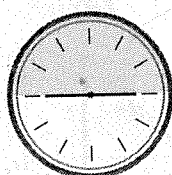
Week
(11)

Date: / /

Class performance:

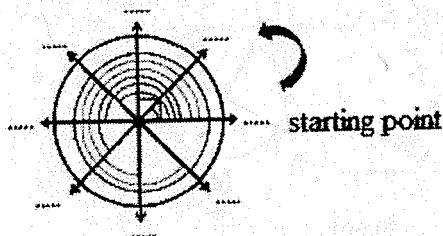
Activity (1): City of Circles

In collaboration with your group mates, write the fraction and the angle measure that represents the shaded part in each following circle.



Activity (2): house fence

Rana try to wake around the fence that in a shape of a circle start from the starting point on the direction of the arrow she stopped at a certain point as in the figure. In collaboration with your group to identify the measure of each angle Rana stopped at every time and determine the fraction



Home Work:

Answer the following questions:

- 1) Write the fraction that represents the shaded part in Model (a).
- 2) Find the measure of the angle that represents the fraction $\frac{10}{12}$ and represent it by shading on Model (b).
- 3) Use Model (c) to represent the angle with a measure of 90
- 4) Determine the type of angle that represents $\frac{1}{6}$ of the circle model.
- 5) Use the opposite model to represent the angle with a measure of 120°

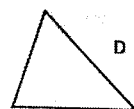
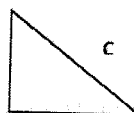
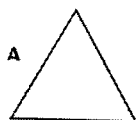


Weekly Assessment – Week 11

Model (A)

First: choose the correct answer:

1) Which triangle is an obtuse angled triangle?.....



2) Number of pairs of parallel sides in trapezium =

a) 1

b) 2

c) 3

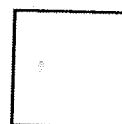
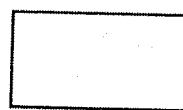
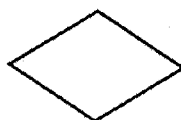
d) 4

second: answer the following:

3) Draw scalene triangle.

4) Write the name of the opposite shapes.

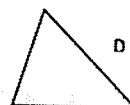
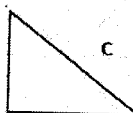
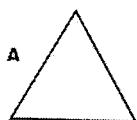
5) Identify the angles whose measure are

 20° 120° 95° 

Model (B)

First: choose the correct answer:

1) Which triangle is an equilateral triangle?.....



2) Number of pairs of parallel sides in square =

a) 1

b) 2

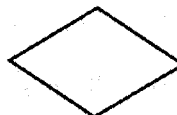
c) 3

d) 4

second: answer the following:

3) Draw acute angled triangle.

4) Write the name of the following shapes.



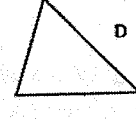
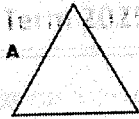
5) Identify the angles whose measure are

 65° 90° 165°

Model (C)

First: choose the correct answer:

1) Which triangle is a right angled triangle?.....



2) Number of pairs of parallel sides in rhombus =

a) 1

b) 2

c) 3

d) 4

second: answer the following:

3) Draw obtuse angled triangle.

4) Write the name of the following shapes.



5) Identify the angles whose measure are 35° 120° 180°

13

Unit: 13

Lesson (3) Using Protractors

Week
(12)

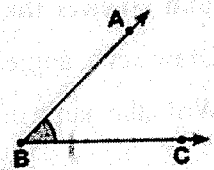
Date: / /

Class performance:

Activity 1: Angles and Vertices

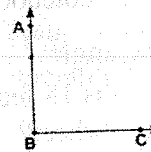
Work with your classmate Identify the vertex, sides and the type of angle.

Then, use straws to create new angles of different sizes.



Activity 2: Play with Angles

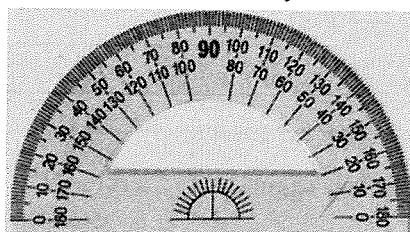
Work with your groupmates. Identify the vertex, sides, and type of each of the following angles.



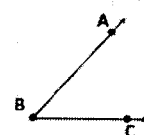
Home Work:

Answer the following :

1) Identify the measure and the type of the largest angle can be measured by this protractor.



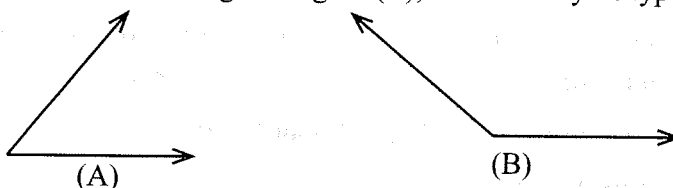
2) Identify the sides forming the opposite angle and its vertex, then write the name of the angle in three different ways.



3) What is the name of the angle whose sides are $\overrightarrow{YX}$ & $\overrightarrow{YZ}$?

4) Use the protractor to measure the angle in figure (A), then identify its type.

5) Use the protractor to measure the angle in figure (B), then identify its type.



13

Unit: 13

Lesson (4) Measuring Angles

Week
(12)

Date: / /

Class performance:

Activity 1: Your friend protractor

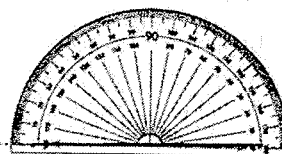
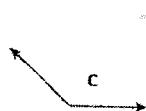
Work with your classmate. Use straws to construct different angles, draw it on your paper.

Then identify each angle's vertex, sides and type. Use the protractor to measure them.



Activity 2: How Many Degrees?

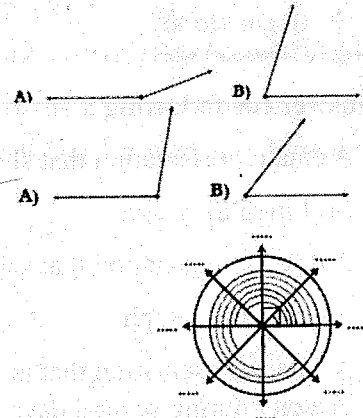
Work with your classmate. Use your protractor to measure each of the following angles.



Home Work:

Answer the following :

1. In the given figure, which angle is 70° ?
2. In the given figure, which angle is 100° ?
3. Draw an estimate angle that measures approximately 140° .
4. Draw an estimate angle that measures approximately 50° .
5. Write the measures of the benchmark angles on the circle.



13

Unit: 13

Lesson (5) Drawing Angles

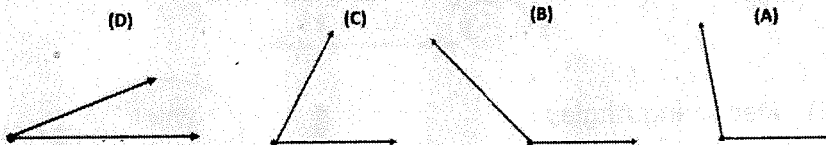
Week
(12)

Date: / /

Class performance:

Activity 1: Angles and Degrees

Work with your classmate. Write an estimate measure of each of the following angles.



Activity 2: You and Your Friends

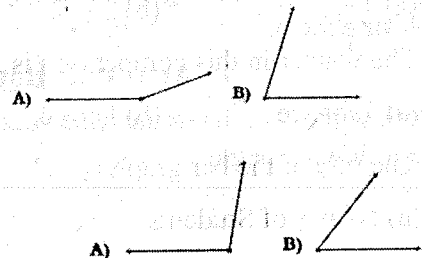
Work with your group to draw an estimate angles for the following measures:

- (a) 20° (b) 103° (c) 75° (d) 150°

Home Work:

Answer the following :

1. In the given figure, which angle is 150° ?
2. In the given figure, which angle is 60° ?
3. Draw an estimate angle of measure 120° .
4. Draw an estimate angle of measure 90° .

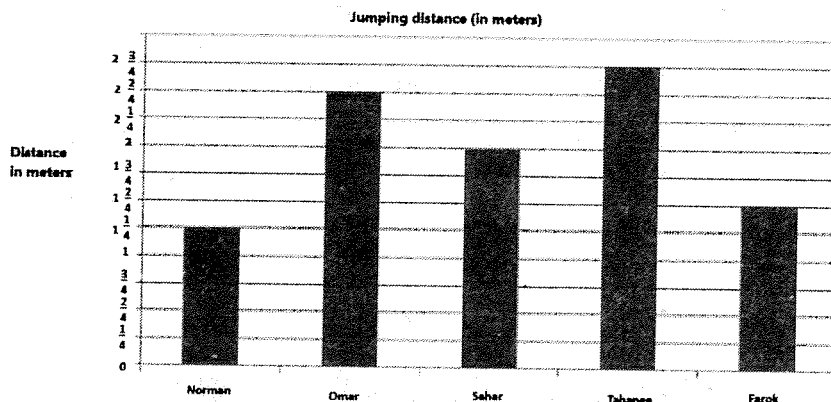


End of the second month exercises

First: Choose the Correct Answer:

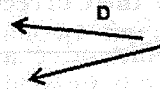
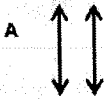
First: Choose the correct answer from the options given:

1. A data representation that shows two sets of data on the same graph is called:
(a) Line Plot graph (b) Bar graph (c) Double bar graph (d) Pictograph
2. A data representation that shows the frequency of data on a number line is called:
(a) Line Plot graph (b) Bar graph (c) Double bar graph (d) Pictograph
3. A data representation that is suitable to compare between maximum and minimum temperatures in a city during several days is called:
(a) Line Plot graph (b) Bar graph (c) Double bar graph (d) Pictograph
4. The vertical and horizontal lines in the graph are called:
(a) Title (b) Axes (c) Column (d) Key
5. The graph below shows the jumping distance (in meters) for a group of students:
Observe the graph and choose the correct answer from the given options:

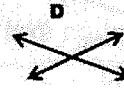
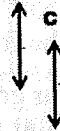


- a) The number of participants in the competition is students
(a) $1\frac{1}{4}$ (b) $2\frac{3}{4}$ (c) 3 (d) 5
 - b) The distance that Sahar jumped is meters
(a) $1\frac{1}{4}$ (b) 2 (c) $2\frac{1}{2}$ (d) $\frac{3}{4}$
 - c) The winner in this competition is
(a) Tahanees (b) Farouk (c) Nouran (d) Omar
 - d) The title of the bar graph is
(a) Names of Students (b) Distance in Meters
(c) Jumping Distance (d) Jumping Distance in Meters
6. The name of the polygon formed by four sides is
(a) Triangle (b) Quadrilateral (c) Pentagon (d) Hexagon

7. Which of the following lines are intersecting and are not perpendicular?



8) Which of the following lines are parallel?



9) The number of lines of symmetry of a rectangle is

- (a) 1 (b) 2 (c) 3 (d) 4

10) The type of an angle that is smaller than a right angle is

- (a) Acute (b) Obtuse (c) Straight (d) Right

11) The opposite angle is

- (a) Obtuse (b) Acute (c) Straight (d) Right

12) The type of triangle according to its angles is

- (a) Acute (b) Right (c) Obtuse (d) Equilateral

13) The area of a square whose side length is 5 cm = cm^2

- (a) 5 (b) 10 (c) 20 (d) 25

14) The type of triangle according to its angles is

- (a) Isosceles (b) Scalene (c) Right (d) Equilateral

15) The type of triangle according to its angles is

- (a) Isosceles (b) Scalene (c) Right (d) Equilateral

16) The number of acute angles in an acute-angled triangle equals

- (a) 0 (b) 1 (c) 2 (d) 3

17) When dividing the circle into 12 equal parts, the measure of each part equals

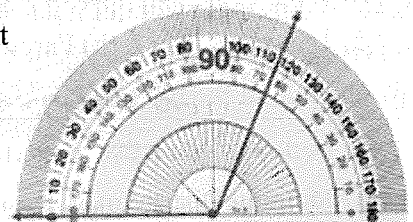
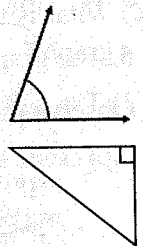
- (a) 30° (b) 90° (c) 120° (d) 180°

18) The angle whose measure is 40° is called

- (a) Acute (b) Obtuse (c) Right (d) Straight

19) The measure of the opposite angle is

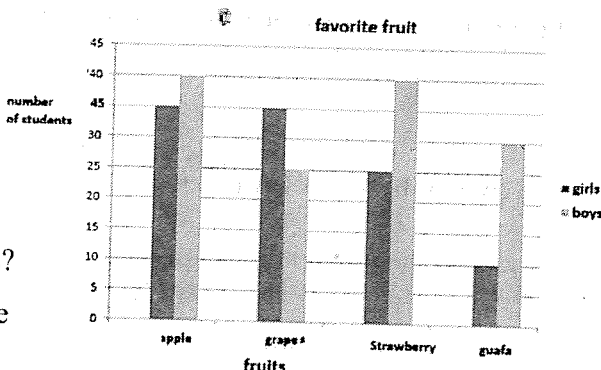
- (a) 75° (b) 65° (c) 125° (d) 115°



Second: Answer the following:

(1) Observe the following graph, then answer:

The graph below shows the favorite fruit among boys and girls at school:



- How many students prefer strawberries?
- How many more girls than boys prefer grapes?

(2) Observe the following data, then answer the questions below:

$$2\frac{1}{3}, 3, 4\frac{2}{3}, 2, 2\frac{2}{3}, 4, 3\frac{1}{3}, 2, 2\frac{1}{3}, 4\frac{2}{3}$$

- What is the most suitable representation to display this data?
- Which numerical sets can be used to represent this data on plot line graph?
- What is the start value on the number line that can be used to represent this data on a plot line graph?

(3) The table below shows the running distance covered (in kilometers) by students over two weeks.

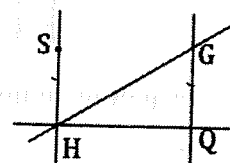
Represent the data using a double bar graph.

name \ week	Mahmoud	Tamer	Mohannad	Sameer
Week 1	2	$4\frac{1}{2}$	$3\frac{1}{2}$	4
Week 2	$2\frac{1}{2}$	$3\frac{1}{2}$	5	$4\frac{1}{2}$

Observe the table, then answer:

(4) Observe the following figure, then answer:

- Identify the line segment parallel to segment SH.
- Identify the line segment perpendicular to segment GQ.
- Identify three-line segments that intersect with segment HG.



(5) In the following figure, color the shape that represents two perpendicular roads.

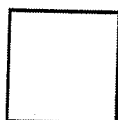
(6) Compare between the acute angle and the right angle.

(7) Draw a scalene triangle.

(8) Draw a triangle with all its angles are acute.

(9) Draw a triangle containing one obtuse angle.

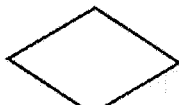
(10) Write the name of each of the following shapes:



A



B



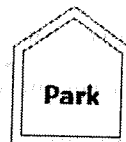
C



D



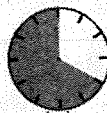
E



(11) In each of the following, identify the fraction represented by the shaded part on the circle model and determine the measure of the angle it represents.



A



B



C



D

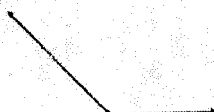


E

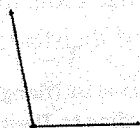
(12) In each of the following, identify the type of angle:

- (a) Angle measuring 180° (b) Angle measuring 120° (c) Angle measuring 35°

(13) In each of the following, use the protractor to measure each angle:



A



B



C

حمل الآن

مجاناً وحصرياً

المراجعة رقم (4)

اختبار شهر ابريل



Model (1)

Question 1 : Choose the correct answer :

- ① is an acute angle .
 - (a) 70^0
 - (b) 105^0
 - (c) 90^0
 - (d) 179^0
- ② The angle of measure 70^0 is a/an angle .
 - (a) acute
 - (b) obtuse
 - (c) right
 - (d) straight
- ③ The measure of the right angle =
 - (a) 90^0
 - (b) 30^0
 - (c) 200^0
 - (d) 180^0
- ④ The rhombus has Equal side(s) .
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
- ⑤ A is quadrilateral with one pair of parallel sides and the sides aren't equal.
 - (a) Trapezium
 - (b) Rectangle
 - (c) Square
 - (d) Rhombus
- ⑥ A double bar graph is used to display of data on a graph.
 - (a) 1 group
 - (b) 2 groups
 - (c) 3 groups
 - (d) 4 groups
- ⑦ The following table can be represent by

Subject	Arabic	English	Math
Bassem	30	35	39
Mona	25	40	37

 - (a) a line plot
 - (b) a bar graph
 - (c) a double bar graph
- ⑧ The opposite figure called a

- (a) Straight line
 - (b) Ray

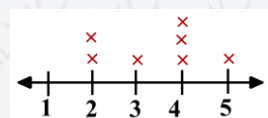
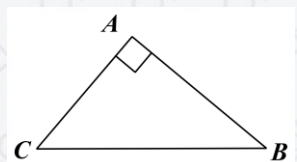
- (c) Line segment
 - (d) Point
- ⑨ The opposite figure named as

- (a) $\overline{AC}$
 - (b) $\overleftrightarrow{AC}$

- (c) $\overrightarrow{AC}$
 - (d) Point

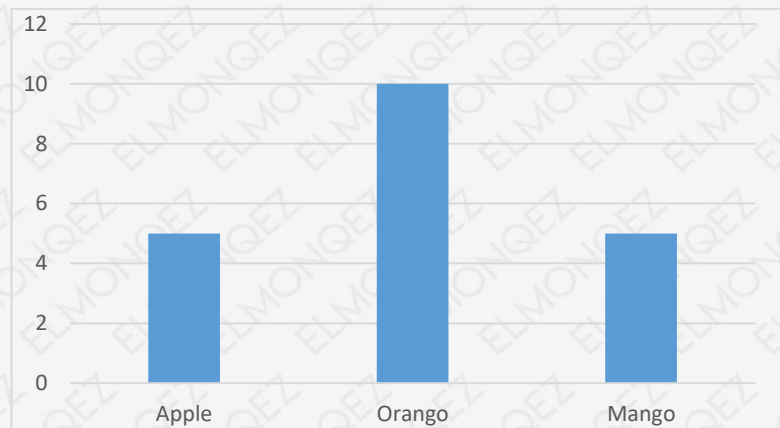
Question 2 : Answer the following questions :

- ① Consider the following triangle (using your geometric instrument).
 - 1- Type of $\triangle ABC$ with respect to its sides
 - 2- Type of $\triangle ABC$ with respect to its angles
- ② The most occurred number in the opposite line plot is

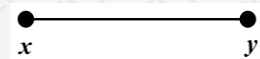


3 Complete the table using the opposite bar graph

Fruit	Apple	Orange	Mango
Number of studens			



4 Draw the straight line $\overleftrightarrow{AB}$ is perpendicular to $\overline{xy}$



5 Draw a line segment xy .

6 By using the protractor , draw the angle with measure 60° , then determine its type.

7 Draw an angle of measure 80° , classify its type .

Model (2)

Question 1 : Choose the correct answer :

- 1 The Is an parallelogram with 4 right angles .
 - (a) Rectangle
 - (b) Rhombus
 - (c) Square
 - (d) Trapuzium
- 2 The square has Right angle(s) .
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
- 3 Angle measure between 90° and 180°
 - (a) An acute
 - (b) An obtuse
 - (c) A right
 - (d) A straight

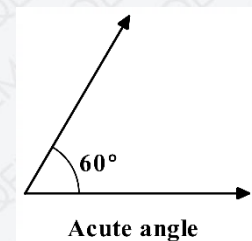
- 4 The angle of measure 90° is called angle .
 (a) A right (b) An obtuse (c) An acute (d) A straight
- 5 Number of degrees of the circle is
 (a) 180° (b) 270° (c) 360° (d) 450°
- 6 The quadrilateral which has four right angles and four equal sides is
 (a) A rhombus (b) A square (c) A rectangle (d) A triangle
- 7 The polygon which has 5 sides is called
 (a) A quadrilateral (b) A pentagon (c) A hexagon (d) An octagon
- 8 To put things together have the same property , we use
 (a) A line plot (b) A bar graph
 (c) A double bar graph (d) A Venn diagram
- 9 To show types of pets that some people have at home , we don't use
 (a) A line plot (b) A bar graph
 (c) A double bar graph (d) A Venn diagram

Question 2 : Answer the following questions :

- 1 Represent the following data by bars :

Student	Distance in meters
Tahani	$\frac{3}{4}$
Salah	$2\frac{1}{4}$
Ziad	$\frac{1}{2}$
Waleed	$1\frac{1}{2}$

- 2 From the opposite figure :
 Identify :
 a) a pair of parallel line segments .
 b) a pair of perpendicular line segments.

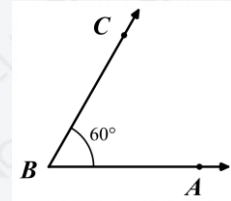


3 Complete :

- a) The measure of the central angle which represents $\frac{1}{4}$ of the circle is
- b) The measure of the straight angle is

4 In the opposite figure :

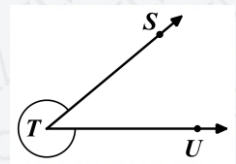
The name of opposite angle is
 , its measure , and its type is



5 Hala is making a design using a quadrilateral that has 4 equal sides and 4 right angles , what is Hala using ? draw the design

6 Complete : An obtuse angle measures between and

7 Complete :The opposite angle named as and

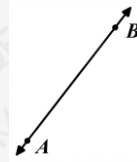


Model (3)

Question 1 : Choose the correct answer :

1 The opposite figure is named as

- (a) $\overleftrightarrow{AB}$ (b) $\overleftrightarrow{BA}$
 (c) $\overline{AB}$ (d) $\overline{BA}$



2 All the following letters has one line of symmetry except has more than one line of symmetry.

- (a) A (b) W (c) C (d) X

3 Which of the following can be represent by a line plot ?

- (a) Our favorite movie (b) Our height (c) Our favorite food

4 The two opposite lines are

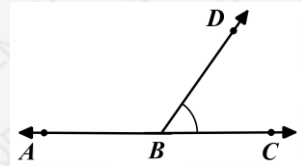
- (a) Intersecting (b) Parallel (c) perpendicular



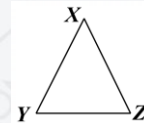
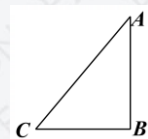
- 5 The right-angle triangle has right angles .
 (a) 5 (b) 4 (c) 9 (d) 1
- 6 The type of the triangle whose side lengths are 5cm , 5cm and 5cm is triangle.
 (a) An isosceles (b) An equilateral
 (c) An scalene (d) An obtuse-angled
- 7 Any triangle has acute angles at least .
 (a) 1 (b) 2 (c) 3 (d) 4
- 8 The related fraction to the angle of measure 180° is Of the circle .
 (a) $\frac{1}{6}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{2}$
- 9 The angle with measures 50° is
 (a) A right (b) An acute (c) An obtuse (d) A straight

Question 2 : Answer the following questions :

- 1 From the opposite figure :
 A) is an acute angle .
 b) is an obtuse angle .



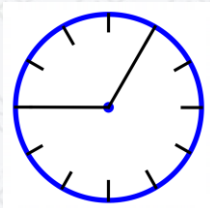
- 2 By using your geometric instruments determine the type of each of the following triangles.
 a) type of $\triangle ABC$ according to its sides
 b) type of $\triangle XYZ$ according to its sides



- 3 Draw angle ABC with measure 80° and classify its type .

- 4 Find the measure of the colored angle in degrees in each clock .

A)



B)

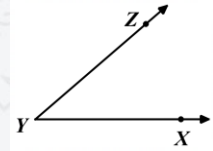


5 Represent the following table using the bar graph .

Name	Ahmed	Ali	Hala	Maha
Marks	3	7	5	8

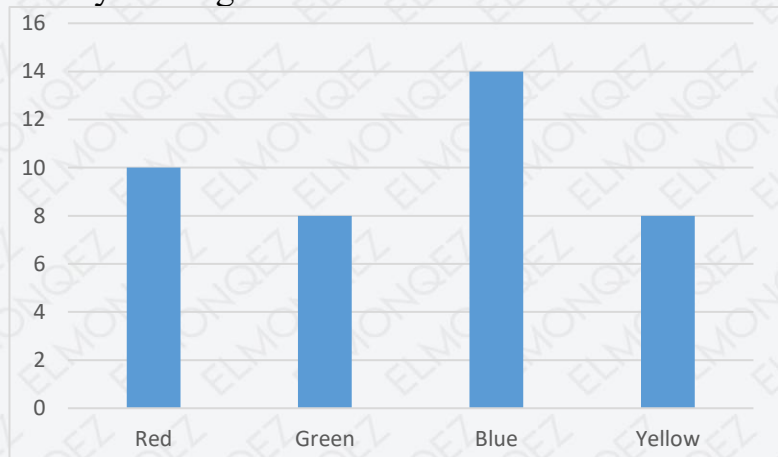
6 From the opposite figure complete :

- a) Name of angles
b) sides of the angles and



7 From the opposite figure complete :

- a) number of students who prefer green is
b) the color preferred by the largest number of students is



Model (4)

Question 1 : Choose the correct answer :

1 The opposite site shape is

- (a) A parallelogram (b) A trapezium (c) A rhombus (d) A rectangle



2 Which figure shows two perpendicular lines ?

- (a) (b) (c) (d)

3 This is

- (a) A point (b) A line segment (c) A line (d) A ray



4 The two Straight lines make 4 right angles .

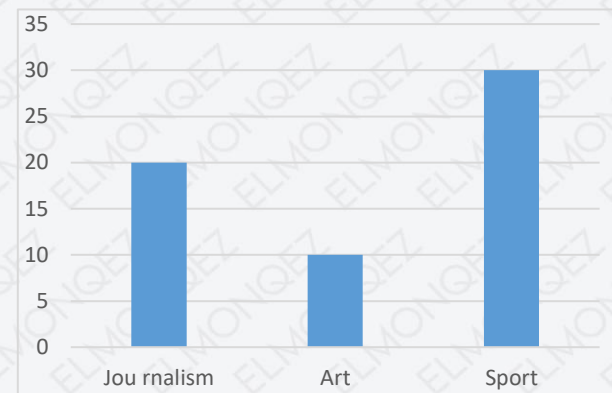
- (a) perpendicular (b) Intersecting (c) Parallel (d) Otherwise

- 5 Number of lines of symmetry of the circle is
- (a) 1 (b) 2 (c) 4 (d) Infinite
- 6 Is extended infinitely in the two directions .
- (a) The ray (b) The straight line
(c) The point (d) The line segment
- 7 Measure of the straight angle =
- (a) 60° (b) 90° (c) 270° (d) 180°
- 8 If the greatest angle of a triangle is right , then the triangle is called
- (a) An obtuse -angled triangle (b) A right – angled triangle
(c) An acute – angled triangle (d) An equilateral triangle
- 9 The sum of the measures of the angles around a point =
- (a) 90° (b) 180° (c) 30° (d) 360°

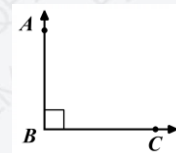
Question 2 : Answer the following questions :

- 1 From the opposite graph, complete:

The activity	journalism	Art	Sport
The number of students			

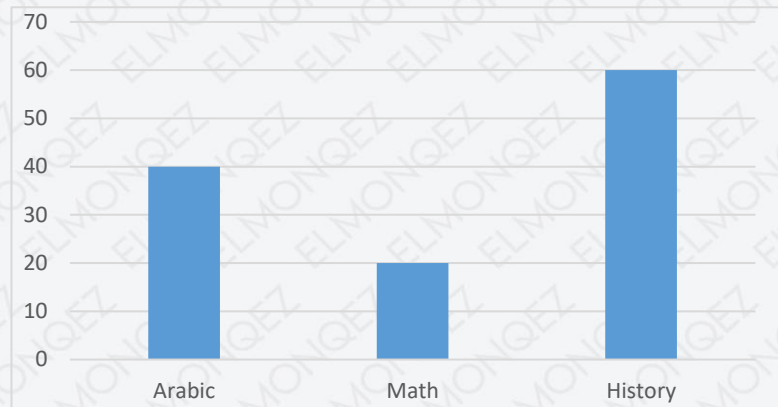


- 2 In the opposite figure :
- a) the name of the angle is
- b) the type of the angle is
- c) the measure of the angle is



- 3 Draw $\overleftrightarrow{CD}$ IS A parallel to $\overleftrightarrow{AB}$

- 4 In the opposite graph :
What is the number of students who like Arabic ?



- 5 Draw the angle ABC with measure 140° ?
- 6 What is the type of the angle representing $\frac{6}{12}$ in the circle ?
And what is its measure ?

- 7 Represent the following data using a double bar graph

Activity \ Grade	Sports	Cultural	Scientific	Social
Grade 4	35	40	25	20
Grade 5	25	15	30	20

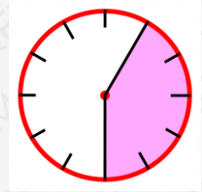
Model (5)

Question 1 : Choose the correct answer :

- 1 The opposite figure is called a
 (a) Point (b) Ray (c) Line segment (d) Straight line
- 2 A square with side lengths 3cm , then its area =square cm
 (a) 12 (b) 9 (c) 6 (d) 27
- 3 The triangle of side lengths 3cm , 5cm , 3cm is called triangle .
 (a) An equilateral (b) An isosceles (c) A scalene (d) An acute

4 The measure of the angle which represents the colored part is

- (a) 90° (b) 180°
(c) 270° (d) 150°



5 To complete between marks of Salma and Dina in Arabic , English , and math exams , we use a

- (a) Bar graph (b) Line plot
(c) Double bar graph (d) Pic to graph

6 is a quadrilateral has 1 pair of parallel sides .

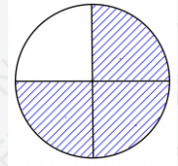
- (a) Trapezium (b) Square (c) Rhombus (d) triangle

7 $\frac{1}{4}$ of a circle measures

- (a) 60° (b) 90° (c) 180° (d) 360°

8 The shaded part in the opposite figure represents an angle of measures.....

- (a) 90° (b) 180°
(c) 270° (d) 360°



9 All sides are equal in lengths is the

- (a) Parallelogram (b) Rhombus (c) Trapezium (d) Rectangle

Question 2 : Answer the following questions :

1 Draw the angle ABC with measure 160°
Type :

2 Name three quadrilaterals have 2 pairs of parallel sides .
.....

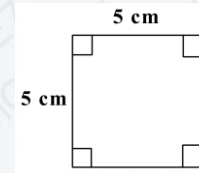
3 The opposite table shows the favorite games for some students

Game	Football	Basketball	Swimming
Number of students	36	12	18

a) What is the most favorite game?

b) How many students who prefer swimming?

- 4 What is the name of the opposite figure ?
Number of lines of symmetry

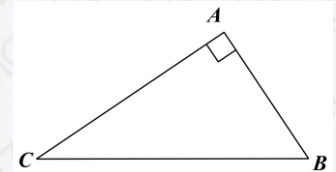


The angles are :

- 5 The following data shows the number of hours that Ahmed study in 3 days represent this data by a bar graph

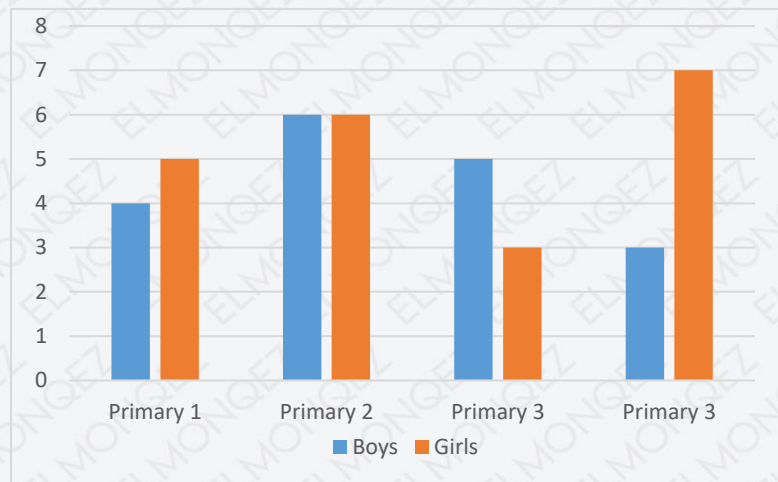
Day	Sat	Sun	Mon
Number of hours	$3\frac{1}{2}$	$4\frac{1}{2}$	$2\frac{1}{2}$

- 6 The type of $\triangle ABC$:
a) according to its sides:
b) according to its angles:



- 7 Complete the table:

pupils	Primary 1	Primary 2	Primary 3	Primary 4
Boys	...	6	5	...
Girls	5	...		7



Model (1)

Question 1 : Choose the correct answer :

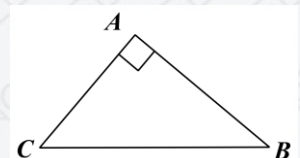
- ① is an acute angle .
 (a) 70^0 (b) 105^0 (c) 90^0 (d) 179^0
- ② The angle of measure 70^0 is a/an angle .
 (a) *acute* (b) *obtuse* (c) *right* (d) *straight*
- ③ The measure of the right angle =
 (a) 90^0 (b) 30^0 (c) 200^0 (d) 180^0
- ④ The rhombus has Equal side(s) .
 (a) 1 (b) 2 (c) 3 (d) 4
- ⑤ A is quadrilateral with one pair of parallel sides and the sides aren't equal.
 (a) Trapezium (b) Rectangle (c) Square (d) Rhombus
- ⑥ A double bar graph is used to display of data on a graph.
 (a) 1 group (b) 2 groups (c) 3 groups (d) 4 groups
- ⑦ The following table can be represent by

Subject	Arabic	English	Math
Bassem	30	35	39
Mona	25	40	37

- (a) *a line plot* (b) *a bar graph* (c) *a double bar graph*
- ⑧ The opposite figure called a
 (a) Straight line (b) Ray (c) Line segment (d) Point
- ⑨ The opposite figure named as
 (a) $\overline{AC}$ (b) $\overleftrightarrow{AC}$ (c) $\overrightarrow{AC}$ (d) Point

Question 2 : Answer the following questions :

- ① Consider the following triangle (using your geometric instrument).
 1- Type of $\triangle ABC$ with respect to its sides
 2- Type of $\triangle ABC$ with respect to its angles
 1- *scalene triangle*
 2- *right-angled triangle*

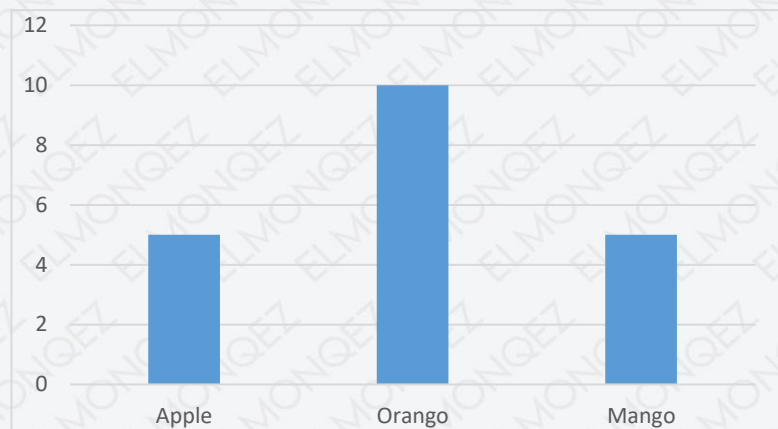


- 2 The most occurred number in the opposite line plot is 4

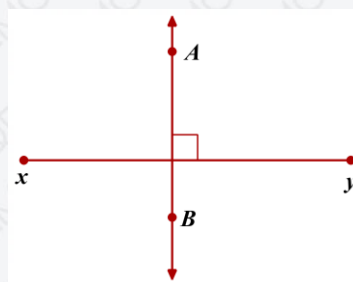
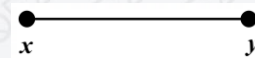


- 3 Complete the table using the opposite bar graph

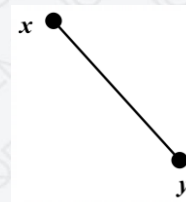
Fruit	Apple	Orange	Mango
Number of studens	5	10	5



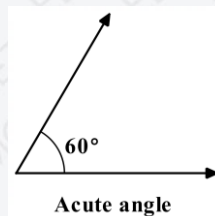
- 4 Draw the straight line $\overleftrightarrow{AB}$ is perpendicular to $\overline{xy}$



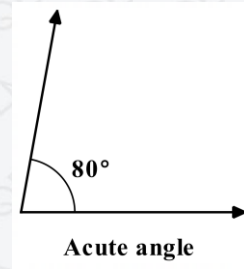
- 5 Draw a line segment xy .



- 6 By using the protractor , draw the angle with measure 60° , then determine its type.



7 Draw an angle of measure 80° , classify its type .



Model (2)

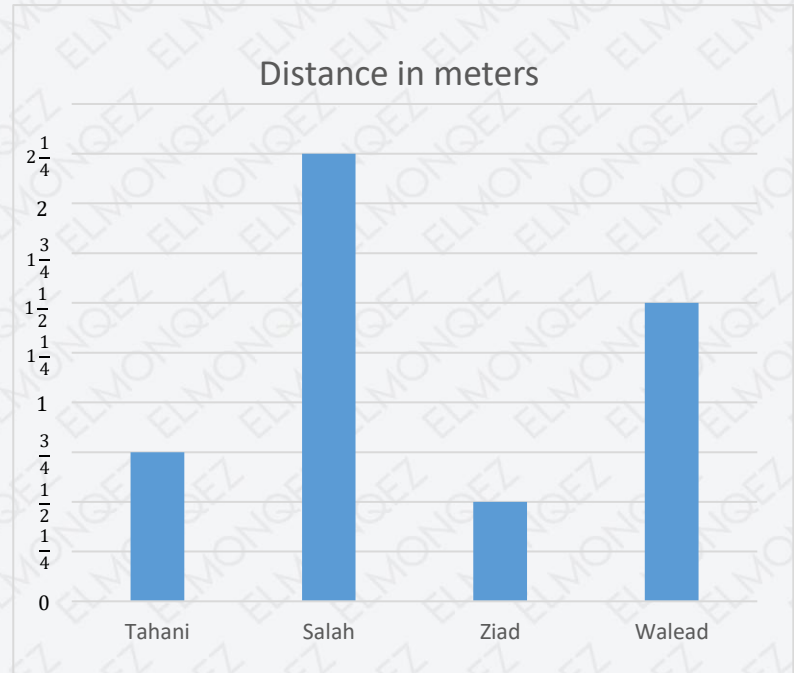
Question 1 : Choose the correct answer :

- 1 The Is an parallelogram with 4 right angles .
 (a) **Rectangle** (b) Rhombus (c) Square (d) Trapuzium
- 2 The square has Right angle(s) .
 (a) 1 (b) 2 (c) 3 (d) **4**
- 3 Angle measure between 90° and 180°
 (a) An acute (b) **An obtuse** (c) A right (d) A straight
- 4 The angle of measure 90° is called angle .
 (a) **A right** (b) An obtuse (c) An acute (d) A straight
- 5 Number of degrees of the circle is
 (a) 180° (b) 270° (c) **360°** (d) 450°
- 6 The quadrilateral which has four right angles and four equal sides is
 (a) A rhombus (b) **A square** (c) A rectangle (d) A triangle
- 7 The polygon which has 5 sides is called
 (a) A quadrilateral (b) **A pentagon** (c) A hexagon (d) An octogon
- 8 To put things together have the same property , we use
 (a) A line plot (b) **A bar graph** (c) A double bar graph (d) A Venn diagram
- 9 To show types of pets that some people have at home , we don't use
 (a) **A line plot** (b) A bar graph (c) A double bar graph (d) A Venn diagram

Question 2 : Answer the following questions :

1 Represent the following data by bars :

Student	Distance in meters
Tahani	$3\frac{3}{4}$
Salah	$2\frac{1}{4}$
Ziad	$1\frac{1}{2}$
Waleed	$1\frac{1}{2}$



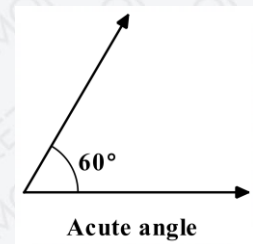
2 From the opposite figure :
Identify :

a) a pair of parallel line segments .

$\overline{AB}$ and $\overline{CD}$ or $\overline{AC}$ and $\overline{BD}$

b) a pair of perpendicular line segments.

$\overline{AB}$ and $\overline{BD}$ or $\overline{BD}$ and $\overline{DC}$ or
 $\overline{DC}$ and $\overline{CA}$ Or $\overline{CA}$ and $\overline{AB}$



3 Complete :

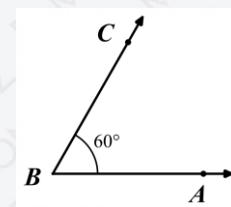
a) The measure of the central angle which represents $\frac{1}{4}$ of the circle is 90°

b) The measure of the straight angle is 180°

4 In the opposite figure :

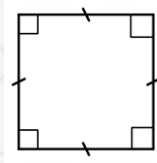
The name of opposite angle is $\angle B$ or ABC or CBA

, its measure 90° , and its type is right .

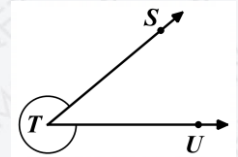


- 5 Hala is making a design using a quadrilateral that has 4 equal sides and 4 right angles , what is Hala using ? draw the design

Hala is using a square .



- 6 Complete : An obtuse angle measures between 90° and 180° .
- 7 Complete : The opposite angle named as $\angle UTS$, $\angle STU$ and $\angle T$.



Model (3)

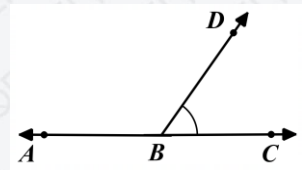
Question 1 : Choose the correct answer :

- 1 The opposite figure is named as
- (a) $\overline{AB}$ (b) $\overleftrightarrow{AB}$ (c) $\overrightarrow{AB}$ (d) $\overrightarrow{BA}$
- 2 All the following letters has one line of symmetry except has more than one line of symmetry.
- (a)  (b)  (c)  (d) 
- 3 Which of the following can be represent by a line plot ?
- (a) Our favorite movie (b) Our height (c) Our favorite food
- 4 The two opposite lines are
- (a) Intersecting (b) Parallel (c) perpendicular
- 5 The right-angle triangle has right angles .
- (a) 5 (b) 4 (c) 9 (d) 1
- 6 The type of the triangle whose side lengths are 5cm , 5cm and 5cm is triangle.
- (a) An isosceles (b) An equilateral (c) An scalene (d) An obtuse-angled

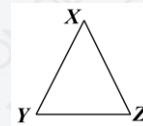
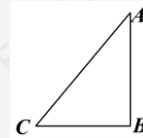
- 7 Any triangle has acute angles at least .
 (a) 1 (b) **2** (c) 3 (d) 4
- 8 The related fraction to the angle of measure 180° is Of the circle .
 (a) $\frac{1}{6}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) **$\frac{1}{2}$**
- 9 The angle with measures 50° is
 (a) A right (b) **An acute** (c) An obtuse (d) A straight

Question 2 : Answer the following questions :

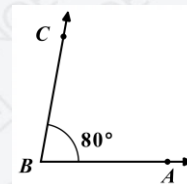
- 1 From the opposite figure :
 A) $\angle CBD$ is an acute angle .
 b) $\angle ABD$ is an obtuse angle .



- 2 By using your geometric instruments determine the type of each of the following triangles.
 a) type of $\triangle ABC$ according to its sides **scalene triangle**.
 b) type of $\triangle XYZ$ according to its sides **isosceles triangle**.

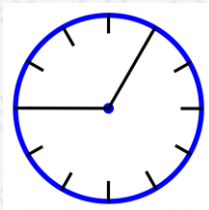


- 3 Draw angle ABC with measure 80° and classify its type .
A cute angle.



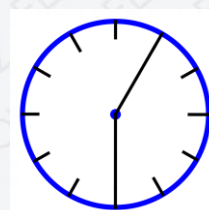
- 4 Find the measure of the colored angle in degrees in each clock .

A)



120°

B)

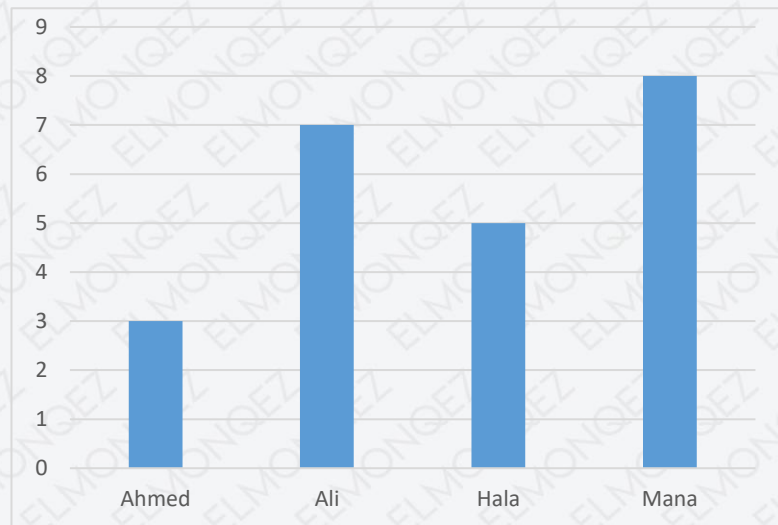


150°

5

Represent the following table using the bar graph .

Name	Ahmed	Ali	Hala	Maha
Marks	3	7	5	8

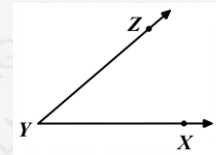


6

From the opposite figure complete :

a) Name of angles $\angle y$, $\angle xyz$, $\angle zyx$.

b) sides of the angles $\overrightarrow{YZ}$ and $\overrightarrow{YX}$.

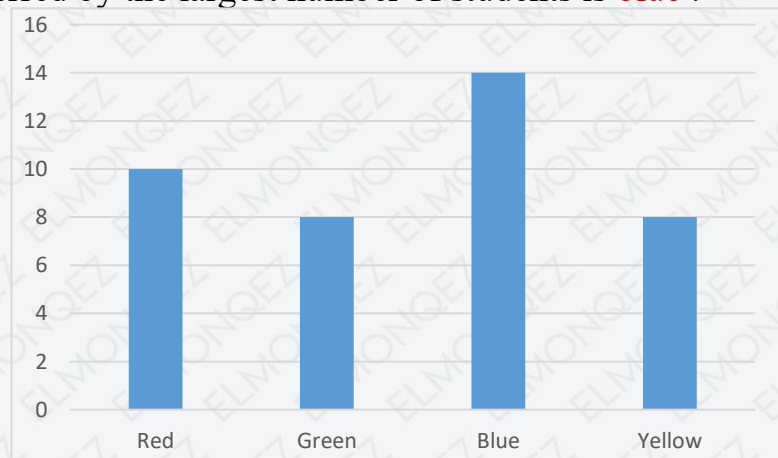


7

From the opposite figure complete :

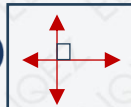
a) number of students who prefer green is 8 .

b) the color preferred by the largest number of students is blue .



Model (4)

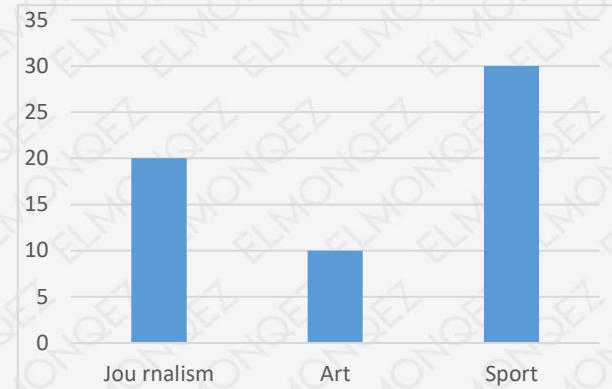
Question 1 : Choose the correct answer :

- 1 The opposite site shape is
 (a) A parallelogram (b) A trapezium (c) A rhombus (d) **A rectangle**
- 2 Which figure shows two perpendicular lines ?
 (a)  (b)  (c)  (d) 
- 3 This is
 (a) A point (b) A line segment (c) **A line** (d) A ray
- 4 The two Straight lines make 4 right angles .
 (a) **perpendicular** (b) Intersecting (c) Parallel (d) Otherwise
- 5 Number of lines of symmetry of the circle is
 (a) 1 (b) 2 (c) 4 (d) **Infinite**
- 6 Is extended infinitely in the two directions .
 (a) The ray (b) **The straight line** (c) The point (d) The line segment
- 7 Measure of the straight angle =
 (a) 60° (b) 90° (c) 270° (d) **180°**
- 8 If the greatest angle of a triangle is right , then the triangle is called
 (a) An obtuse -angled triangle (b) **A right – angled triangle** (c) An acute – angled triangle (d) An equilateral triangle
- 9 The sum of the measures of the angles around a point =
 (a) 90° (b) 180° (c) 30° (d) **360°**

Question 2 : Answer the following questions :

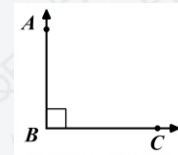
1 From the opposite graph, complete:

The activity	journalism	Art	Sport
The number of students	20	10	30

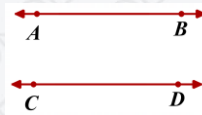


2 In the opposite figure :

- the name of the angle is $\angle B$, $\angle CBA$, $\angle ABC$
- the type of the angle is right angle
- the measure of the angle is 90°

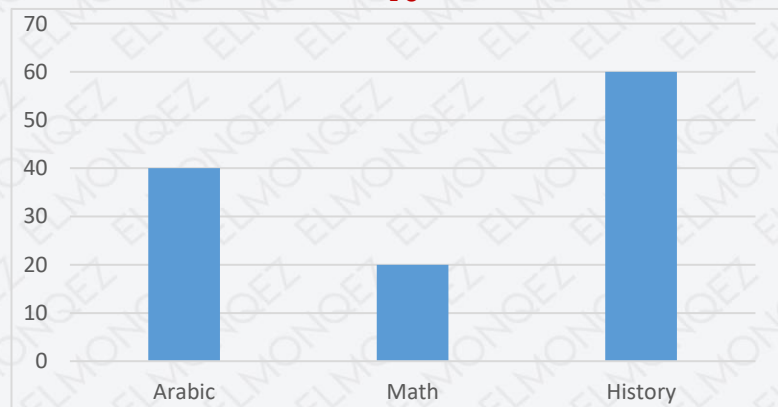


3 Draw $\overleftrightarrow{CD}$ IS A parallel to $\overleftrightarrow{AB}$

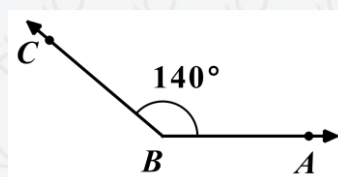


4 In the opposite graph :
What is the number of students who like Arabic ?

40



5 Draw the angle ABC with measure 140° ?



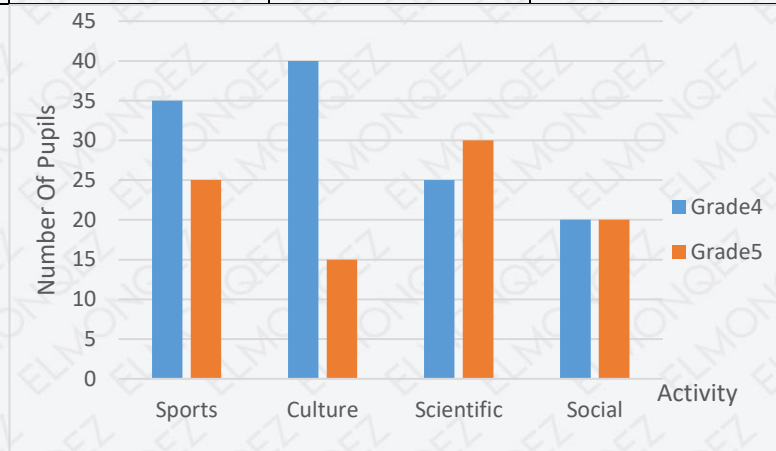
6 What is the type of the angle representing $\frac{6}{12}$ in the circle ?

And what is its measure ?

Straight angle , 180°

7 Represent the following data using a double bar graph

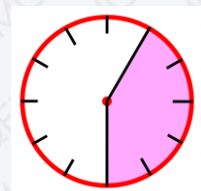
Activity \ Grade	Sports	Cultural	Scientific	Social
Grade 4	35	40	25	20
Grade 5	25	15	30	20



Model (5)

Question 1 : Choose the correct answer :

- 1 The opposite figure is called a
 (a) Point (b) **Ray** (c) Line segment (d) Straight line
- 2 A square with side lengths 3cm , then its area =square cm
 (a) 12 (b) **9** (c) 6 (d) 27
- 3 The triangle of side lengths $3\text{cm}, 5\text{cm}, 3\text{cm}$ is called triangle .
 (a) An equilateral (b) **An isosceles** (c) A scalene (d) An acute
- 4 The measure of the angle which represents the colored part is
 (a) 90° (b) 180°
 (c) 270° (d) **150°**



5 To complete between marks of Salma and Dina in Arabic , English , and math exams , we use a

- (a) Bar graph (b) Line plot
(c) **Double bar graph** (d) Pic to graph

6 is a quadrilateral has 1 pair of parallel sides .

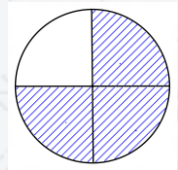
- (a) **Trapezium** (b) Square (c) Rhombus (d) triangle

7 $\frac{1}{4}$ of a circle measures

- (a) 60° (b) **90°** (c) 180° (d) 360°

8 The shaded part in the opposite figure represents an angle of measures.....

- (a) 90° (b) 180°
(c) **270°** (d) 360°



9 All sides are equal in lengths is the

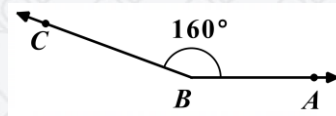
- (a) Parallelogram (b) **Rhombus** (c) Trapezium (d) Rectangle

Question 2 : Answer the following questions :

1 Draw the angle ABC with measure 160°

$\angle ABC = 160^\circ$.

Type : **obtuse angle**



2 Name three quadrilaterals have 2 pairs of parallel sides .

Parallelogram, square, rectangle.

3 The opposite table shows the favorite games for some students

Game	Football	Basketball	Swimming
Number of students	36	12	18

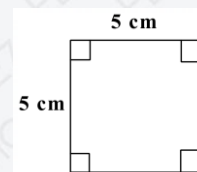
a) What is the most favorite game? **Football**

b) How many students who prefer swimming? **18**

4 What is the name of the opposite figure ? **square**

Number of lines of symmetry **4**

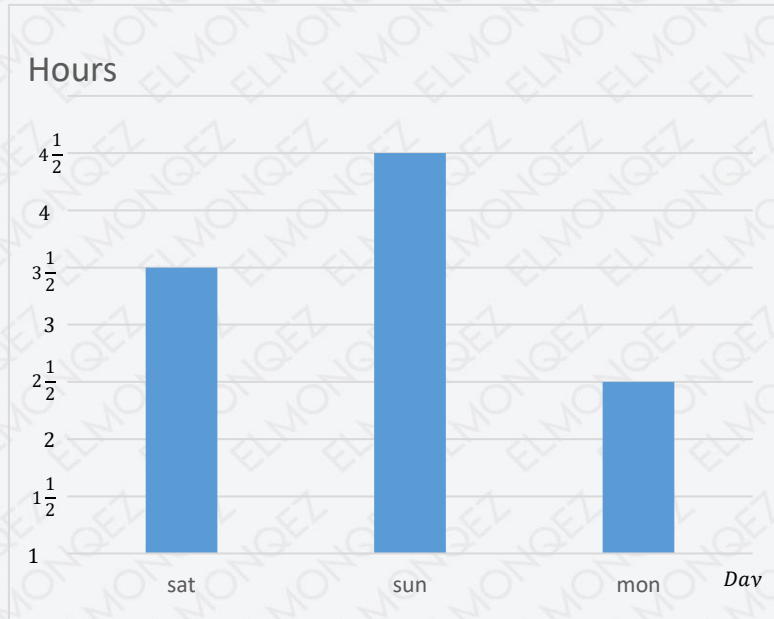
The angles are : **right angles**



5

The following data shows the number of hours that Ahmed study in 3 days represent this data by a bar graph

Day	Sat	Sun	Mon
Number of hours	$3\frac{1}{2}$	$4\frac{1}{2}$	$2\frac{1}{2}$

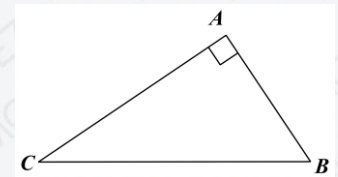


6

The type of $\triangle ABC$:

a) according to its sides: **scalene triangle**.

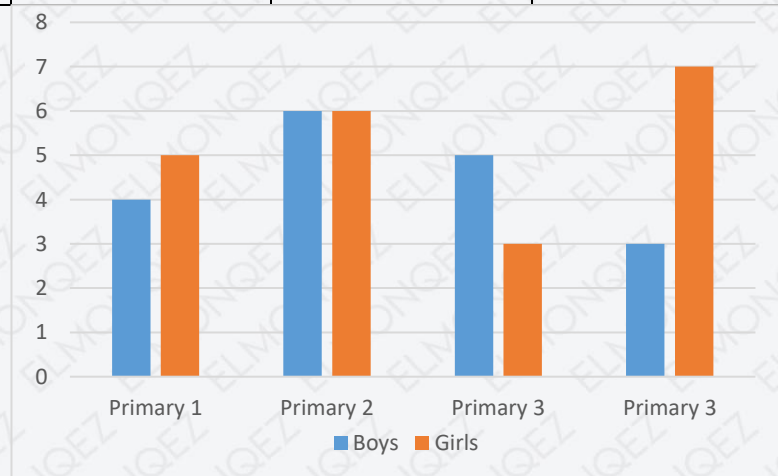
b) according to its angles: **right – angled triangle** .



7

Complete the table:

pupils	Primary 1	Primary 2	Primary 3	Primary 4
Boys	4	6	5	3
Girls	5	6	3	7



كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9

